

Converting Colors

HunterLab(11.7675, -2.9015,
0.3284)

Have a look what the booklet for
HunterLab(11.7675, -2.9015, 0.3284)
contains.

HunterLab(11.7224, -2.8824, 0.2613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.7224, -2.8824,
0.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	172120
RGB	23, 33, 32
RGB Percent	9%, 13%, 13%
CMY	0.9098, 0.8706, 0.8745
CMYK	0.30, 0.00, 0.03, 0.87
HSL	174°, 18%, 11%
HSV	174°, 30%, 13%
XYZ	1.1579, 1.3741, 1.5707
YIQ	29.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	23, 28, 33
Decimal	1515808
CIE _{Lab}	11.78, -4.71, -0.78
CIE _{LCh}	12, 4.777, 189.421
Yxy	1.3742, 0.2822, 0.3349
Android (android.graphics.Color)	4279705888 (0xFF172120)
YUV	29.8960, 1.0373, -6.0478
Hunter-Lab	11.7224, -2.8824, 0.2613

Details

The HunterLab color **11.7224, -2.8824, 0.2613** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **10.0105, 2.0693, 1.0862**, and the grayscale version is **11.3603, -0.6062, 0.6172**.

A 20% lighter version of the original color is **26.4345, -4.3597, 0.8767**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5579, -3.5074, 0.1706**, and if you desaturate by 10%, it is **11.9056, -2.2013, 0.3746**.

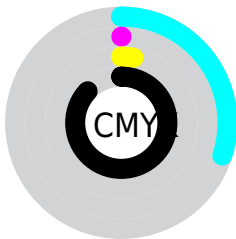
Distribution



- Red (9%)
- Green (13%)
- Blue (13%)



- Red (9%)
- Yellow (11%)
- Blue (13%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (87%)



- Cyan (91%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7224, -2.8824, 0.2613 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 11.7224, -2.8824, 0.2613 by changing the saturation by 10% instead.

■ 11.7224, -2.8824,
0.2613

■ 11.7224, -2.8824,
0.2613

■ 102.3169,
-10.2537, 4.8035

■ 4.4452, -4.8567,
-0.4871

■ 26.4392, -4.4210,
0.9486

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.1588, -5.1998,
1.3752

0.0000, NaN, NaN

■ 44.6696, -5.9939,
1.8488

0.0000, NaN, NaN

■ 54.9105, -6.8059,
2.3653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.8328, -7.6373,
2.9214

0.0000, NaN, NaN

■ 77.3963, -8.4889,

0.0000, NaN, NaN

3.5145

■ 89.5673, -9.3610,
4.1425

■ 11.7224, -2.8824,
0.2613

■ 11.7224, -2.8824,
0.2613

■ 11.5579, -3.5074,
0.1706

■ 11.9056, -2.2013,
0.3746

■ 11.4114, -4.0729,
0.1024

■ 12.1067, -1.4667,
0.5094

■ 11.2830, -4.5770,
0.0569

■ 12.3256, -0.6826,
0.6650

■ 11.1725, -5.0182,
0.0341

■ 12.5621, 0.1474,
0.8405

■ 11.0690, -5.4366,
0.0202

■ 12.8157, 1.0192,
1.0349

■ 10.9647, -5.8630,
0.0049

■ 13.0860, 1.9289,
1.2470

■ 10.8626, -6.2843,
-0.0114

■ 13.3725, 2.8727,
1.4756

■ 13.6747, 3.8468,
1.7197

■ 13.9919, 4.8478,
1.9780

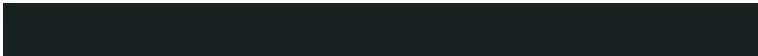
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.7226, -2.7718, 1.4062



11.7224, -2.8824, 0.2613



11.7226, -2.4084, -0.8924

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.7226, -2.8826, 0.2615



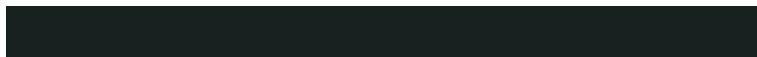
11.7226, 0.9236, -1.2488



11.7226, 0.2221, 2.5657

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.7224, -2.8824, 0.2613



10.0105, 2.0693, 1.0862

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.7226, 1.2694, 1.9865



11.7224, -2.8824, 0.2613



11.7226, 1.6860, -0.1858

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.7226, -2.8826, 0.2615



11.7226, -0.2340, -1.8220



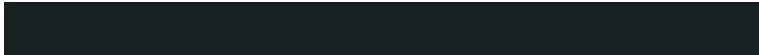
11.7226, 1.8151, 1.0026



11.7226, -1.0131, 2.6588

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.7224, -2.8824, 0.2613



11.7226, -1.8123, -1.4829



11.7226, 1.8151, 1.0026



11.7226, 0.6092, 2.4245

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.7226, -2.8826, 0.2615



15.3869, -1.8028, 0.6581



11.6011, -3.6968, 2.9409



9.0812, -1.0663, 0.3880



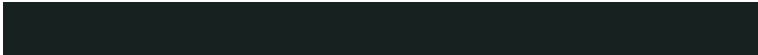
55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.7226, -2.8826, 0.2615



14.7046, -4.3353, 0.2325



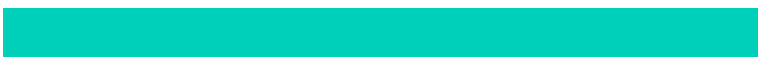
10.8578, -1.3883, -1.1910



6.9038, -0.7074, 0.3132



24.6088, -14.4759, 0.4905



69.2447, -41.1246, 2.2263

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10.0105, 2.0693, 1.0862



11.9576, 3.6420, 1.5697



10.7772, 0.5186, 2.1903



6.6597, -0.0051, 0.4291



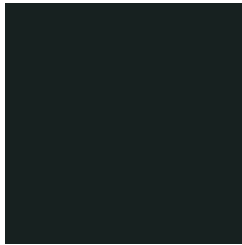
12.9682, 22.3421, 7.3438



36.4055, 62.4908, 22.3979

Previews

White Background



This preview shows how the HunterLab color 11.7224, -2.8824, 0.2613 looks on a white background.

Color Contrast Check

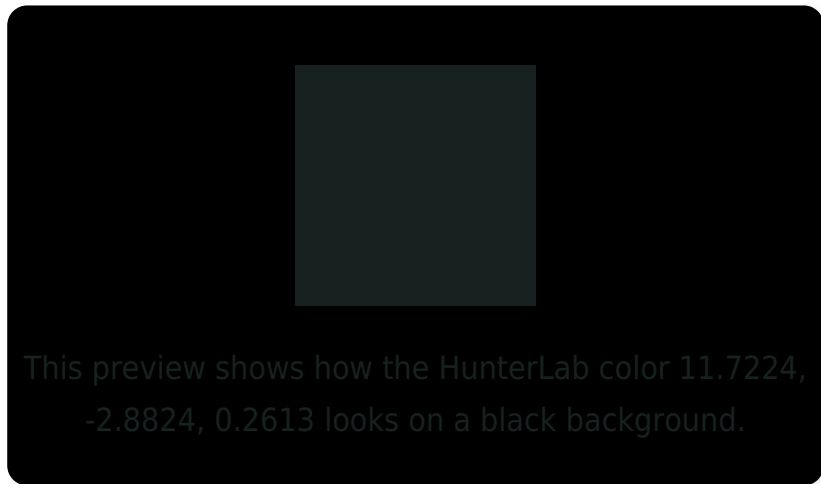
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

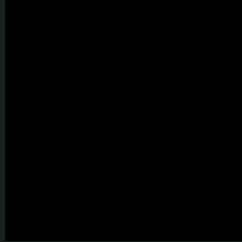
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

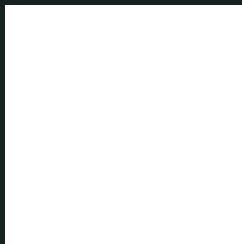
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 11.7224, -2.8824, 0.2613 Background



This preview shows how black text looks on a background with the HunterLab color 11.7224, -2.8824, 0.2613.



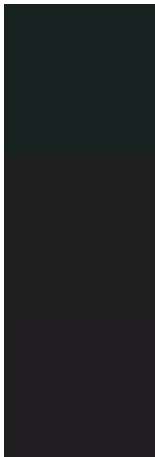
This preview shows how white text looks on a background with the HunterLab color 11.7224, -2.8824,

0.2613.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.7224, -2.8824, 0.2613

Protanopia

11.7728, -0.3916, 0.7189

Deuteranopia

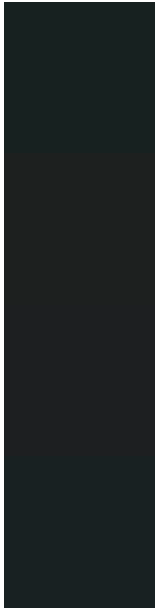
11.6691, 0.4742, -0.1119



Tritanopia

11.8459, -2.2877, -0.6993

Trichromacy



Original Color

11.7224, -2.8824, 0.2613

Protanomaly

11.8032, -1.4415, 0.7362

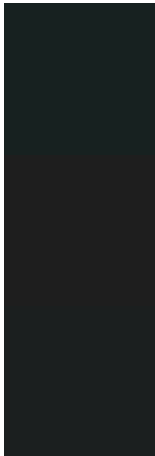
Deuteranomaly

11.6232, -0.8186, -0.1917

Tritanomaly

11.8212, -2.4269, -0.3488

Monochromacy



Original Color

11.7224, -2.8824, 0.2613

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.4539, -1.5099, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7224, -2.8824, 0.2613 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(23, 33, 32)` looks like.

```
.text, #text, p{  
    color:rgb(23, 33, 32)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(23, 33, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 33, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7224, -2.8824, 0.2613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(23, 33, 32) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(23, 33, 32) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(23, 33, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 33, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 33, 32);  
box-shadow:4px 4px 4px 4px rgb(23, 33, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7224, -2.8824, 0.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 33, 32) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(23, 33,  
32) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor