

Converting Colors

HunterLab(11.8559, -3.7879,
-0.4104)

Have a look what the booklet for
HunterLab(11.8559, -3.7879,
-0.4104) contains.

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Color

**HunterLab(11.7820, -3.7984,
-0.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	122222
RGB	18, 34, 34
RGB Percent	7%, 13%, 13%
CMY	0.9294, 0.8667, 0.8667
CMYK	0.47, 0.00, 0.00, 0.87
HSL	180°, 31%, 10%
HSV	180°, 47%, 13%
XYZ	1.1102, 1.3882, 1.7228
YIQ	29.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

Format	Color
R_{YB}	18, 26, 34
Decimal	1188386
CIE _{Lab}	11.88, -6.72, -2.14
CIE _{LCh}	12, 7.053, 197.689
Yxy	1.3882, 0.2630, 0.3289
Android (android.graphics.Color)	4279378466 (0xFF122222)
YUV	29.2160, 2.3585, -9.8364
Hunter-Lab	11.7820, -3.7984, -0.4222

Details

The HunterLab color **11.7820, -3.7984, -0.4222** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.0355, 3.6513, 1.8761**, and the grayscale version is **11.1466, -0.5948, 0.6056**.

A 20% lighter version of the original color is **26.4404, -5.6024, 0.0317**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6526, -4.2871, -0.5951**, and if you desaturate by 10%, it is **11.9308, -3.2454, -0.2260**.

Distribution



- Red (7%)
- Green (13%)
- Blue (13%)



- Red (7%)
- Yellow (10%)
- Blue (13%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7820, -3.7984, -0.4222 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 11.7820, -3.7984, -0.4222 by changing the saturation by 10% instead.

■ 11.7820, -3.7984,
-0.4222

■ 11.7820, -3.7984,
-0.4222

■ 102.4395,
-12.2758, 3.4620

■ 4.5608, -6.6634,
-1.6994

■ 26.5173, -5.6692,
0.0753

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2447, -6.5850,
0.4209

0.0000, NaN, NaN

■ 44.7626, -7.5039,
0.8199

0.0000, NaN, NaN

■ 55.0102, -8.4312,
1.2667

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9387, -9.3703,
1.7573

0.0000, NaN, NaN

■ 77.5081, -10.3233,

0.0000, NaN, NaN

2.2885

■ 89.6846, -11.2915,
2.8574

■ 11.7820, -3.7984,
-0.4222

■ 11.7820, -3.7984,
-0.4222

■ 11.6526, -4.2871,
-0.5951

■ 11.9308, -3.2454,
-0.2260

■ 11.5418, -4.7098,
-0.7447

■ 12.0986, -2.6298,
-0.0076

■ 11.4453, -5.0815,
-0.8762

■ 12.2855, -1.9546,
0.2322

■ 11.3490, -5.4557,
-1.0085

■ 12.4913, -1.2231,
0.4922

■ 11.2519, -5.8368,
-1.1432

■ 12.7160, -0.4389,
0.7712

■ 11.2232, -5.9502,
-1.1833

■ 12.9590, 0.3938,
1.0678

■ 13.2200, 1.2711,
1.3806

■ 13.4984, 2.1889,
1.7083

■ 13.7939, 3.1431,
2.0494

Harmonies

Analogous

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



11.7822, -3.8746, 1.3331



11.7820, -3.7984, -0.4222



11.7822, -2.9062, -2.1130

Triad

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



11.7822, -3.7985, -0.4220



11.7822, 2.0881, -1.8424



11.7822, 0.1306, 3.4663

Complementary

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



11.7820, -3.7984, -0.4222



9.0355, 3.6513, 1.8761

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.



11.7822, 1.8348, 2.8584



11.7820, -3.7984, -0.4222



11.7822, 3.0103, -0.0951

Square

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



11.7822, -3.7985, -0.4220



11.7822, 0.4593, -3.0152



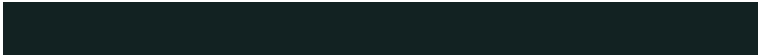
11.7822, 2.9149, 1.6140



11.7822, -1.6798, 3.4060

Rectangle

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



11.7820, -3.7984, -0.4222



11.7822, -1.9359, -2.8956



11.7822, 2.9149, 1.6140



11.7822, 0.7369, 3.3374

Sweetspot

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



11.7822, -3.7985, -0.4220



15.2606, -2.2336, 0.3535



11.4847, -5.5547, 4.0250



9.0078, -1.3164, 0.2093



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.



11.7822, -3.7985, -0.4220



14.3858, -5.4568, -0.7897



9.9740, -1.1048, -2.8701



7.6268, -0.7873, 0.2869



25.6467, -13.5971, -2.7038



70.8929, -37.5856, -7.4735

Inverse Universe

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



9.0355, 3.6513, 1.8761



10.1819, 6.0819, 2.7734



10.5396, 0.7347, 3.2879



7.3299, 0.0046, 0.5309



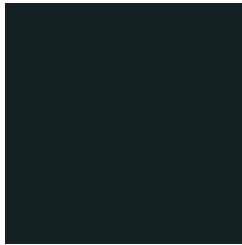
13.3265, 22.8221, 8.6109



36.8374, 63.0852, 23.8031

Previews

White Background



This preview shows how the HunterLab color 11.7820, -3.7984, -0.4222 looks on a white background.

Color Contrast Check

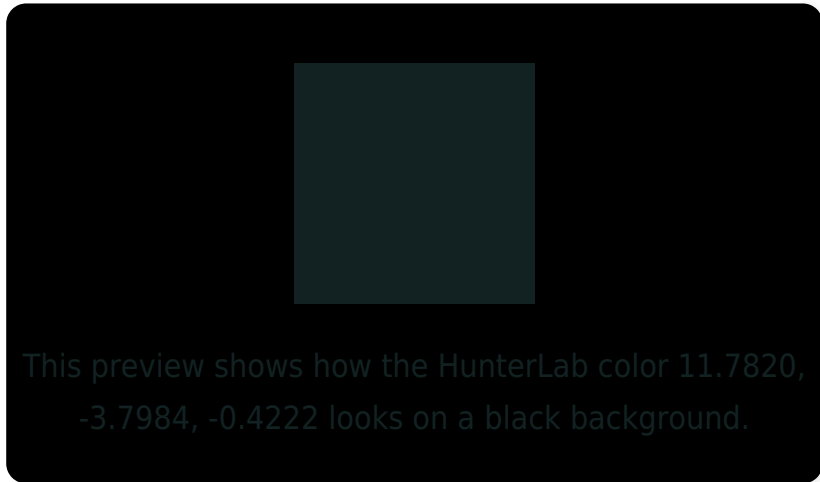
Large Text (above 18pt) WCAG AA ✓ Pass

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

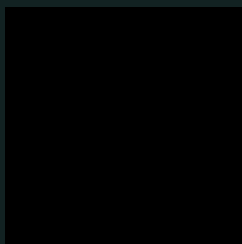
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

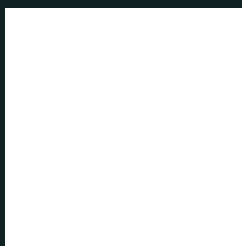
Any Text WCAG AAA × Fail

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

HunterLab 11.7820, -3.7984, -0.4222 Background



This preview shows how black text looks on a background with the HunterLab color 11.7820, -3.7984, -0.4222.



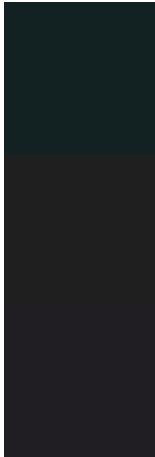
This preview shows how white text looks on a background with the HunterLab color 11.7820, -3.7984,

-0.4222.

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

11.7820, -3.7984, -0.4222

Protanopia

11.7955, -0.2677, 0.3949

Deuteranopia

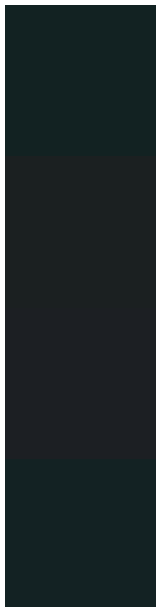
11.7185, 0.7394, -0.8114



Tritanopia

11.8738, -3.3555, -1.0764

Trichromacy



Original Color

11.7820, -3.7984, -0.4222

Protanomaly

11.7296, -1.6107, -0.0734

Deuteranomaly

11.6112, -0.7612, -0.9781

Tritanomaly

11.8484, -3.5007, -0.7173

Monochromacy



Original Color

11.7820, -3.7984, -0.4222

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.3383, -1.9231, 0.1743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7820, -3.7984, -0.4222 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(18, 34, 34)` looks like.

```
.text, #text, p{  
    color:rgb(18, 34, 34)  
}
```

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(18, 34, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 34, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7820, -3.7984, -0.4222 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(18, 34, 34) }
```


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

```
.border{ border-color:rgb(18, 34, 34) }
```

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

Here you see how a box with a 4 pixel rgb(18, 34, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 34, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 34, 34);  
box-shadow:4px 4px 4px 4px rgb(18, 34, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.7820, -3.7984, -0.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 34, 34) }
```

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

```
.background{ background-color: rgb(18, 34,  
34) }
```

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](#).

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