

Converting Colors

HunterLab(12.9097, -6.5085,
4.5117)

Have a look what the booklet for
HunterLab(12.9097, -6.5085, 4.5117)
contains.

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Color

**HunterLab(12.8604, -6.5527,
4.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	142715
RGB	20, 39, 21
RGB Percent	8%, 15%, 8%
CMY	0.9216, 0.8471, 0.9176
CMYK	0.49, 0.00, 0.46, 0.85
HSL	123°, 32%, 12%
HSV	123°, 49%, 15%
XYZ	1.1494, 1.6539, 0.9681
YIQ	31.2670, -5.5460, -9.6260

Conversions

Conversions Part 2

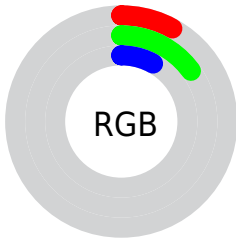
Format	Color
RYB	20, 38, 39
Decimal	1320725
CIELab	13.56, -12.63, 9.52
CIELCh	14, 15.815, 142.976
Yxy	1.6540, 0.3048, 0.4385
Android (android.graphics.Color)	4279510805 (0xFF142715)
YUV	31.2670, -5.0616, -9.8812
Hunter-Lab	12.8604, -6.5527, 4.5390

Details

The HunterLab color **12.8604, -6.5527, 4.5390** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.3519, 6.6585, -4.0076**, and the grayscale version is **11.8057, -0.6299, 0.6414**.

A 20% lighter version of the original color is **27.8501, -9.5292, 6.9829**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6632, -7.4369, 5.1308**, and if you desaturate by 10%, it is **13.0880, -5.5548, 3.8788**.

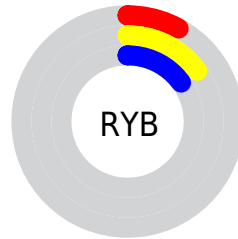
Distribution



Red (8%)

Green (15%)

Blue (8%)



Red (8%)

Yellow (15%)

Blue (15%)

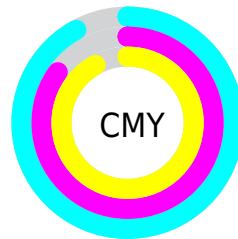


Cyan (49%)

Magenta (0%)

Yellow (46%)

Black (85%)



Cyan (92%)

Magenta (85%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8604, -6.5527, 4.5390 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 12.8604, -6.5527, 4.5390 by changing the saturation by 10% instead.

12.8604, -6.5527,
4.5390

12.8604, -6.5527,
4.5390

104.6323,
-18.3201, 14.6315

6.2736, -9.1051,
4.3915

27.9220, -9.4054,
6.9004

0.0000, NaN, NaN

0.0000, NaN, NaN

36.7868, -10.7289,
8.0161

0.0000, NaN, NaN

46.4309, -12.0195,
9.1161

0.0000, NaN, NaN

56.7957, -13.2907,
10.2105

0.0000, NaN, NaN

0.0000, NaN, NaN

67.8343, -14.5512,
11.3056

0.0000, NaN, NaN

79.5076, -15.8070,

0.0000, NaN, NaN

12.4057

■ 91.7830, -17.0622,
13.5137

■ 12.8604, -6.5527,
4.5390

■ 12.8604, -6.5527,
4.5390

■ 12.6632, -7.4369,
5.1308

■ 13.0880, -5.5548,
3.8788

■ 12.4955, -8.2015,
5.6498

■ 13.3450, -4.4497,
3.1548

■ 12.3547, -8.8521,
6.0915

■ 13.6314, -3.2461,
2.3728

■ 12.2193, -9.4826,
6.4967

■ 13.9465, -1.9530,
1.5387

■ 12.0825, -10.1285,
6.9119

■ 14.2896, -0.5799,
0.6587

■ 12.0648, -10.2125,
6.9658

■ 14.6597, 0.8638,
-0.2612

■ 15.0558, 2.3689,
-1.2154

■ 15.4767, 3.9270,
-2.1985

■ 15.9214, 5.5302,
-3.2058

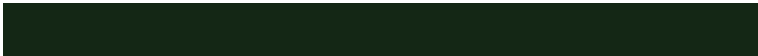
Harmonies

Analogous

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



12.8607, -3.7077, 6.1627



12.8604, -6.5527, 4.5390



12.8607, -7.7992, 1.6099

Triad

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



12.8607, -6.5529, 4.5391



12.8607, -1.6656, -9.5781



12.8607, 7.6824, 3.3667

Complementary

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



12.8604, -6.5527, 4.5390



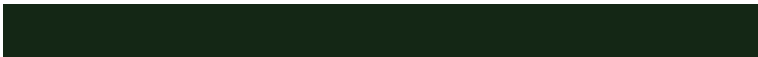
10.3519, 6.6585, -4.0076

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.



12.8607, 8.4129, -0.2816



12.8604, -6.5527, 4.5390



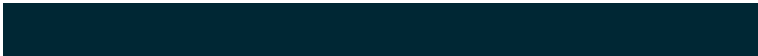
12.8607, 2.6413, -8.6443

Square

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



12.8607, -6.5529, 4.5391



12.8607, -5.2235, -7.1272



12.8607, 6.4652, -4.8788



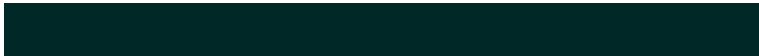
12.8607, 4.5812, 5.5394

Rectangle

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



12.8604, -6.5527, 4.5390



12.8607, -7.6863, -1.1595



12.8607, 6.4652, -4.8788



12.8607, 8.2284, 2.3176

Sweetspot

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



12.8607, -6.5529, 4.5391



17.5181, -3.7075, 2.7471



13.8371, -2.8906, 5.6398



9.6436, -2.0215, 1.4996



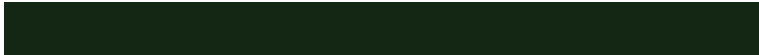
56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.8607, -6.5529, 4.5391



16.1043, -9.8220, 6.7716



13.0226, -5.5984, 2.1958



8.3178, -1.1103, 0.8824



25.2461, -21.5113, 14.8813



68.5103, -58.6200, 40.9118

Inverse Universe

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



10.3519, 6.6585, -4.0076



12.1705, 11.0410, -6.7030



10.0905, 5.3943, -0.3479



8.0553, 0.2573, -0.0042



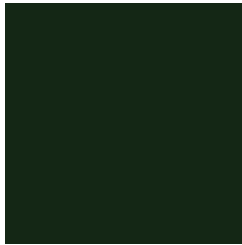
15.7061, 30.5586, -18.2334



42.5901, 82.7841, -48.8136

Previews

White Background



This preview shows how the HunterLab color 12.8604, -6.5527, 4.5390 looks on a white background.

Color Contrast Check

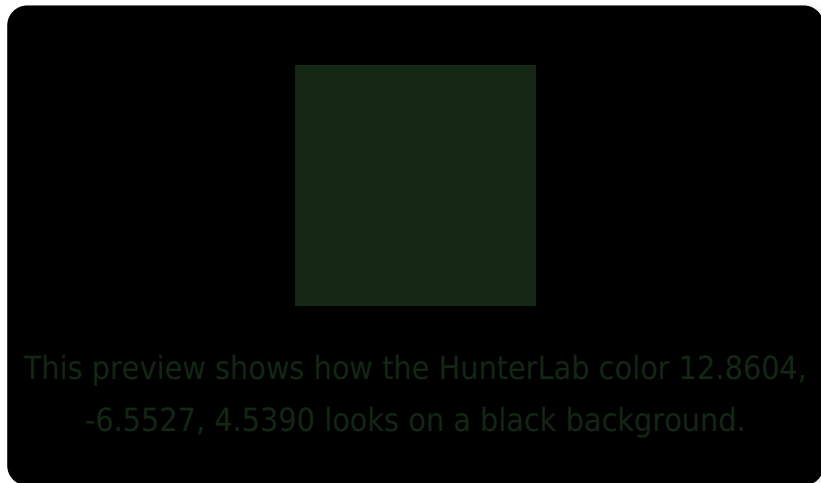
Large Text (above 18pt) WCAG AA ✓ Pass

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

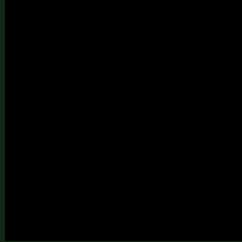
Any Text WCAG AA × Fail

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 12.8604, -6.5527, 4.5390 Background



This preview shows how black text looks on a background with the HunterLab color 12.8604, -6.5527, 4.5390.

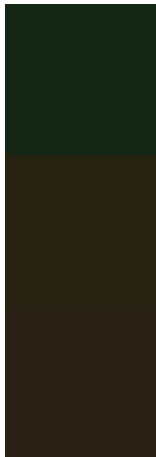


This preview shows how white text looks on a background with the HunterLab color 12.8604, -6.5527,

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

12.8604, -6.5527, 4.5390

Protanopia

12.8886, -1.5328, 5.0809

Deuteranopia

12.7980, 0.5266, 4.3787



Tritanopia

12.9249, -2.9902, -1.2970

Trichromacy



Original Color

12.8604, -6.5527, 4.5390

Protanomaly

12.6632, -3.5227, 4.6426

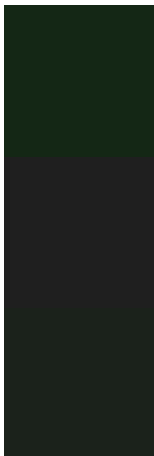
Deuteranomaly

12.6494, -2.3024, 4.1964

Tritanomaly

12.9545, -4.4686, 1.3190

Monochromacy



Original Color

12.8604, -6.5527, 4.5390

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.0673, -3.0441, 2.2879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8604, -6.5527, 4.5390 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(20, 39, 21)` looks like.

```
.text, #text, p{  
    color:rgb(20, 39, 21)  
}
```

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(20, 39, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 39, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8604, -6.5527, 4.5390 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(20, 39, 21) }
```


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

```
.border{ border-color:rgb(20, 39, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 39, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 39, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 39, 21);  
box-shadow:4px 4px 4px 4px rgb(20, 39, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8604, -6.5527, 4.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 39, 21) }
```

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

```
.background{ background-color: rgb(20, 39,  
21) }
```

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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