

Converting Colors

HunterLab(20.2742, -6.9362,
5.2065)

Have a look what the booklet for
HunterLab(20.2742, -6.9362, 5.2065)
contains.

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Color

**HunterLab(20.2110, -6.8902,
5.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3D2D
RGB	45, 61, 45
RGB Percent	18%, 24%, 18%
CMY	0.8235, 0.7608, 0.8235
CMYK	0.26, 0.00, 0.26, 0.76
HSL	120°, 15%, 21%
HSV	120°, 26%, 24%
XYZ	3.2246, 4.0848, 3.1011
YIQ	54.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

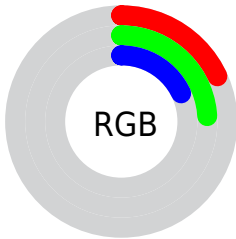
Format	Color
R_{YB}	45, 61, 61
Decimal	2964781
CIE _{Lab}	23.95, -10.34, 7.80
CIE _{LCh}	24, 12.949, 142.952
Yxy	4.0850, 0.3097, 0.3924
Android (android.graphics.Color)	4281154861 (0xFF2D3D2D)
YUV	54.3920, -4.6303, -8.2368
Hunter-Lab	20.2110, -6.8902, 5.0504

Details

The HunterLab color **20.2110, -6.8902, 5.0504** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.9050, 5.6055, -3.4888**, and the grayscale version is **19.3562, -1.0328, 1.0517**.

A 20% lighter version of the original color is **37.0197, -9.0196, 6.8018**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.7810, -8.7515, 6.3084**, and if you desaturate by 10%, it is **20.6978, -4.8388, 3.6641**.

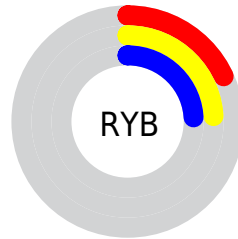
Distribution



Red (18%)

Green (24%)

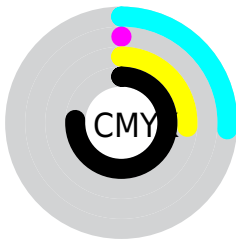
Blue (18%)



Red (18%)

Yellow (24%)

Blue (24%)

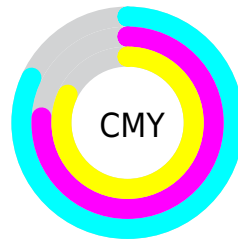


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.2110, -6.8902, 5.0504 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 20.2110, -6.8902, 5.0504 by changing the saturation by 10% instead.

■ 20.2110, -6.8902,
5.0504

■ 20.2110, -6.8902,
5.0504

■ 118.5715,
-17.2644, 14.1753

■ 13.1196, -5.6301,
4.0022

■ 37.1538, -9.2494,
7.0540

■ 6.6132, -7.1632,
4.6293

■ 46.8274, -10.3942,
8.0444

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.2196, -11.5312,
9.0385

0.0000, NaN, NaN

■ 68.2840, -12.6669,
10.0406

0.0000, NaN, NaN

■ 79.9817, -13.8055,
11.0538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.2803, -14.9499,

105.1517,
-16.1023, 13.1201

20.2110, -6.8902,
5.0504

20.2110, -6.8902,
5.0504

19.7810, -8.7515,
6.3084

20.6978, -4.8388,
3.6641

19.4072, -10.4040,
7.4254

21.2387, -2.6155,
2.1620

19.0902, -11.8336,
8.3919

21.8326, -0.2412,
0.5580

18.8293, -13.0306,
9.2011

22.4772, 2.2642,
-1.1341

18.6229, -13.9908,
9.8504

23.1704, 4.8815,
-2.9014

■ 18.4669, -14.7252,
10.3470

■ 23.9099, 7.5930,
-4.7320

■ 18.3236, -15.4061,
10.8075

■ 24.6931, 10.3829,
-6.6151

■ 18.2692, -15.6659,
10.9831

■ 25.5176, 13.2371,
-8.5412

■ 26.3810, 16.1434,
-10.5020

Harmonies

Analogous

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



20.2114, -4.0086, 6.7711



20.2110, -6.8902, 5.0504



20.2114, -8.1982, 1.9825

Triad

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



20.2114, -6.8906, 5.0506



20.2114, -2.0200, -7.6506



20.2114, 6.5487, 3.7646

Complementary

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



20.2110, -6.8902, 5.0504



17.9050, 5.6055, -3.4888

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.



20.2114, 7.1852, 0.1762



20.2110, -6.8902, 5.0504



20.2114, 2.0265, -6.9170

Square

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



20.2114, -6.8906, 5.0506



20.2114, -5.5323, -5.6986



20.2114, 5.4727, -3.8547



20.2114, 3.7957, 6.1363

Rectangle

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



20.2110, -6.8902, 5.0504



20.2114, -8.0796, -0.6197



20.2114, 5.4727, -3.8547



20.2114, 7.0256, 2.6810

Sweetspot

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



20.2114, -6.8906, 5.0506



27.3539, -4.0172, 3.2255



21.2586, -3.0530, 6.1218



14.4639, -2.2523, 1.7927



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.2114, -6.8906, 5.0506



25.8265, -10.4383, 7.5645



20.3779, -5.9347, 2.6528



11.3195, -1.6721, 1.3414



28.4039, -24.3563, 17.0759



72.2239, -61.9320, 43.4198

Inverse Universe

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



17.9050, 5.6055, -3.4888



22.1787, 9.3670, -5.9697



17.6805, 4.4511, -0.3226



10.9125, 0.5257, -0.1605



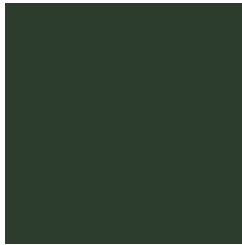
17.9239, 35.2390, -23.6402



45.5760, 89.6039, -60.1111

Previews

White Background



This preview shows how the HunterLab color 20.2110, -6.8902, 5.0504 looks on a white background.

Color Contrast Check

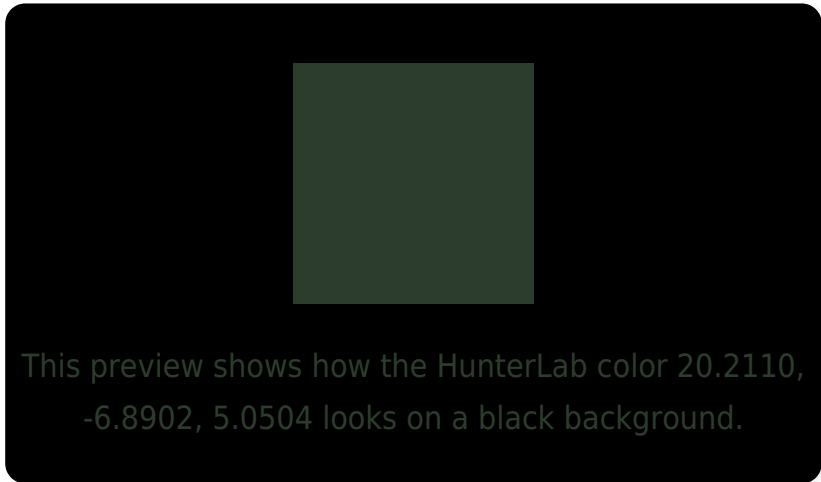
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2110, -6.8902, 5.0504 Background



This preview shows how black text looks on a background with the HunterLab color 20.2110, -6.8902, 5.0504.

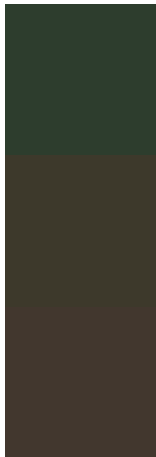


This preview shows how white text looks on a background with the HunterLab color 20.2110, -6.8902,

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

20.2110, -6.8902, 5.0504

Protanopia

20.2306, -1.6666, 5.7387

Deuteranopia

20.2185, 0.8684, 4.8940



Tritanopia

20.2859, -3.1185, -1.2989

Trichromacy



Original Color

20.2110, -6.8902, 5.0504

Protanomaly

20.0504, -3.5444, 5.2466

Deuteranomaly

20.0575, -2.1623, 4.6810

Tritanomaly

20.3017, -4.7374, 1.5003

Monochromacy



Original Color

20.2110, -6.8902, 5.0504

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6700, -3.3332, 2.6217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.2110, -6.8902, 5.0504 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(45, 61, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 61, 45)  
}
```

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(45, 61, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 61, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.2110, -6.8902, 5.0504 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(45, 61, 45) }
```


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

```
.border{ border-color:rgb(45, 61, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 61, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 61, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 61, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 61, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.2110, -6.8902, 5.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 61, 45) }
```

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

```
.background{ background-color: rgb(45, 61,  
45) }
```

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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