

Converting Colors

HunterLab(20.8106, -1.2024,
5.6535)

Have a look what the booklet for
HunterLab(20.8106, -1.2024, 5.6535)
contains.

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Color

**HunterLab(20.7498, -1.0330,
5.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	403A2D
RGB	64, 58, 45
RGB Percent	25%, 23%, 18%
CMY	0.7490, 0.7725, 0.8235
CMYK	0.00, 0.09, 0.30, 0.75
HSL	41°, 17%, 21%
HSV	41°, 30%, 25%
XYZ	4.1010, 4.3055, 3.0975
YIQ	58.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

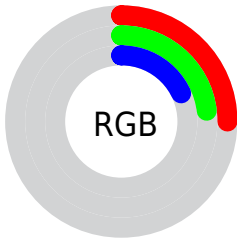
Format	Color
R_{YB}	54, 64, 45
Decimal	4209197
CIE Lab	24.66, 0.12, 9.04
CIE LCh	25, 9.045, 89.216
Yxy	4.3057, 0.3565, 0.3743
Android (android.graphics.Color)	4282399277 (0xFF403A2D)
YUV	58.3120, -6.5628, 4.9884
Hunter-Lab	20.7498, -1.0330, 5.6741

Details

The HunterLab color **20.7498, -1.0330, 5.6741** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.1538, -0.3893, -4.6621**, and the grayscale version is **20.6970, -1.1043, 1.1245**.

A 20% lighter version of the original color is **37.8196, -1.8916, 7.7547**, and **7.1570, -0.0119, 4.4099** is the 20% darker color. If you saturate the color by 10%, you get **20.1503, -0.8284, 6.8559**, and if you desaturate by 10%, it is **21.3696, -1.1634, 4.3288**.

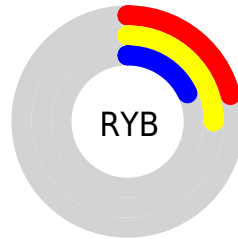
Distribution



Red (25%)

Green (23%)

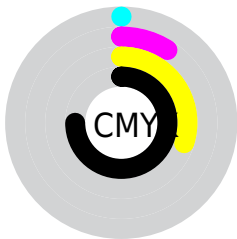
Blue (18%)



Red (21%)

Yellow (25%)

Blue (18%)

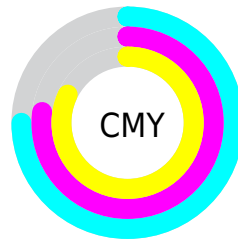


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7498, -1.0330, 5.6741 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 20.7498, -1.0330, 5.6741 by changing the saturation by 10% instead.

■ 20.7498, -1.0330,
5.6741

■ 20.7498, -1.0330,
5.6741

■ 119.5403, -6.2510,
15.4338

■ 13.5868, -0.6609,
4.5156

■ 37.8129, -1.9285,
7.8596

■ 7.1806, -0.3084,
5.0264

■ 47.5390, -2.4407,
8.9282

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.9802, -2.9917,
9.9945

0.0000, NaN, NaN

■ 69.0905, -3.5788,
11.0641

0.0000, NaN, NaN

■ 80.8318, -4.1999,
12.1406

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.1717, -4.8533,

13.2267

0.0000, NaN, NaN

106.0827, -5.5375,
14.3240

■ 20.7498, -1.0330,
5.6741

■ 20.7498, -1.0330,
5.6741

■ 20.1503, -0.8284,
6.8559

■ 21.3696, -1.1634,
4.3288

■ 19.5705, -0.5456,
7.8664

■ 22.0076, -1.2201,
2.8269

■ 19.0114, -0.1837,
8.7001

■ 22.6635, -1.2067,
1.1763

■ 18.4736, 0.2579,
9.3525

■ 23.3367, -1.1262,
-0.6148

■ 17.9575, 0.7787,
9.8217

■ 24.0264, -0.9817,
-2.5386

■ 17.4614, 1.3654,
10.1399

■ 24.7319, -0.7763,
-4.5875

■ 16.9743, 1.9570,
10.4736

■ 25.4525, -0.5133,
-6.7540

■ 16.9591, 1.9755,
10.4847

■ 26.1876, -0.1955,
-9.0311

■ 26.9366, 0.1739,
-11.4121

Harmonies

Analogous

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



20.7503, 1.7560, 5.1088



20.7498, -1.0330, 5.6741



20.7503, -3.7026, 5.1648

Triad

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



20.7503, -1.0337, 5.6744



20.7503, -5.6549, -1.5644



20.7503, 3.7856, -1.7036

Complementary

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



20.7498, -1.0330, 5.6741



18.1538, -0.3893, -4.6621

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.



20.7503, 1.6201, -3.9253



20.7498, -1.0330, 5.6741



20.7503, -3.8252, -3.8376

Square

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



20.7503, -1.0337, 5.6744



20.7503, -6.2825, 1.2003



20.7503, -1.1828, -4.7534



20.7503, 4.6286, 1.0584

Rectangle

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



20.7498, -1.0330, 5.6741



20.7503, -5.0766, 4.2393



20.7503, -1.1828, -4.7534



20.7503, 3.1827, -2.5513

Sweetspot

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



20.7503, -1.0337, 5.6744



29.0171, -1.6081, 3.6655



17.9052, 5.0600, 0.7442



15.1982, -0.8430, 2.0033



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.7503, -1.0337, 5.6744



26.7076, -1.1556, 8.7284



21.9842, -4.3553, 6.7748



12.0719, -0.6681, 1.4485



25.4332, 3.8163, 15.7386



62.3510, 12.1183, 38.6325

Inverse Universe

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



18.1538, -0.3893, -4.6621



22.4152, -0.0426, -8.4557



16.9917, 2.8901, -6.4042



11.6533, -0.5702, -0.2061



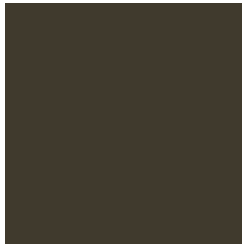
13.4906, 11.2217, -41.0865



31.4485, 34.3734, -113.5101

Previews

White Background



This preview shows how the HunterLab color 20.7498, -1.0330, 5.6741 looks on a white background.

Color Contrast Check

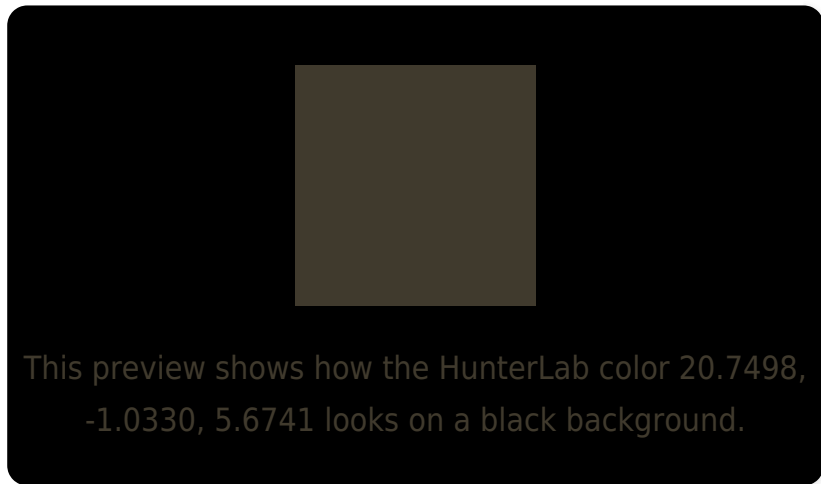
Large Text (above 18pt) WCAG AA ✓ Pass

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

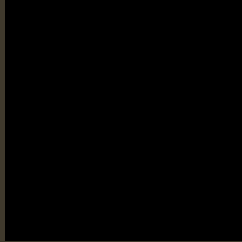
Any Text WCAG AA × Fail

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 20.7498, -1.0330, 5.6741 Background



This preview shows how black text looks on a background with the HunterLab color 20.7498, -1.0330, 5.6741.

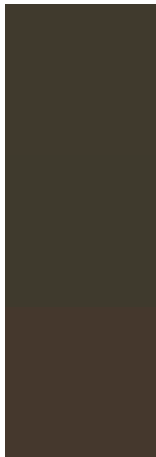


This preview shows how white text looks on a background with the HunterLab color 20.7498, -1.0330,

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

20.7498, -1.0330, 5.6741

Protanopia

20.6696, -1.3123, 5.5923

Deuteranopia

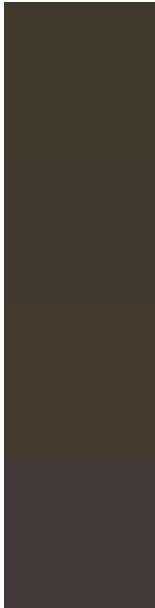
20.6955, 1.2337, 5.6616



Tritanopia

20.7674, 2.1340, 0.6293

Trichromacy



Original Color

20.7498, -1.0330, 5.6741

Protanomaly

20.6696, -1.3123, 5.5923

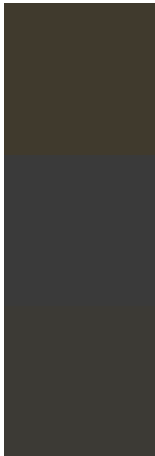
Deuteranomaly

20.7582, 0.2322, 5.7042

Tritanomaly

20.7988, 0.7862, 2.5264

Monochromacy



Original Color

20.7498, -1.0330, 5.6741

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6005, -1.2257, 2.9786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7498, -1.0330, 5.6741 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(64, 58, 45)` looks like.

```
.text, #text, p{  
    color:rgb(64, 58, 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(64, 58, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 58, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7498, -1.0330, 5.6741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

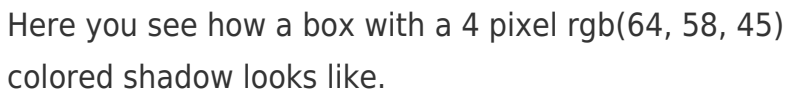
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 58, 45) }
```


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

```
.border{ border-color:rgb(64, 58, 45) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 58, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 58, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 58, 45);  
box-shadow:4px 4px 4px 4px rgb(64, 58, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7498, -1.0330, 5.6741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 58, 45) }
```

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

```
.background{ background-color: rgb(64, 58,  
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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