

Converting Colors

HunterLab(21.4137, 5.2648,
6.4139)

Have a look what the booklet for
HunterLab(21.4137, 5.2648, 6.4139)
contains.

HunterLab(21.5112, 5.0745, 6.5012)	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(21.5112, 5.0745,
6.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	50372D
RGB	80, 55, 45
RGB Percent	31%, 22%, 18%
CMY	0.6863, 0.7843, 0.8235
CMYK	0.00, 0.31, 0.44, 0.69
HSL	17°, 28%, 25%
HSV	17°, 44%, 31%
XYZ	5.1481, 4.6273, 3.1045
YIQ	61.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

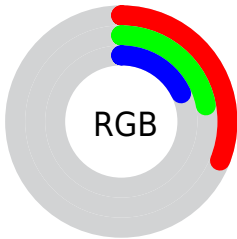
Format	Color
RYB	80, 59, 45
Decimal	5257005
CIELab	25.65, 9.67, 10.70
CIElCh	26, 14.426, 47.900
Yxy	4.6275, 0.3997, 0.3593
Android (android.graphics.Color)	4283447085 (0xFF50372D)
YUV	61.3350, -8.0532, 16.3692
Hunter-Lab	21.5112, 5.0745, 6.5012




Details

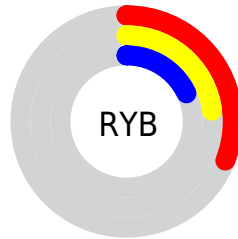
The HunterLab color **21.5112, 5.0745, 6.5012** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.4887, -5.2343, -4.7751**, and the grayscale version is **21.7409, -1.1600, 1.1812**.




A 20% lighter version of the original color is **38.7349, 5.2346, 8.8101**, and **7.9876, 5.2186, 5.0133** is the 20% darker color. If you saturate the color by 10%, you get **20.1491, 6.8422, 7.3852**, and if you desaturate by 10%, it is **22.9560, 3.4063, 5.5057**.

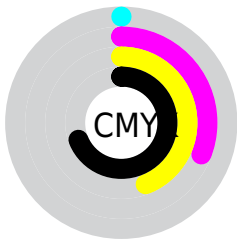
Distribution







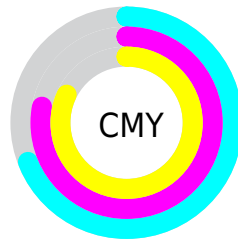
-  Red (31%)
-  Green (22%)
-  Blue (18%)






-  Red (31%)
-  Yellow (23%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (44%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (78%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5112, 5.0745, 6.5012 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 21.5112, 5.0745, 6.5012 by changing the saturation by 10% instead.

■ 21.5112, 5.0745,
6.5012

■ 21.5112, 5.0745,
6.5012

■ 120.8997, 4.2104,
17.1100

■ 14.2493, 4.7544,
5.1967

■ 38.7411, 5.3722,
8.9292

■ 7.9061, 4.9082,
5.5343

■ 48.5403, 5.3895,
10.1024

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0495, 5.3347,
11.2653

0.0000, NaN, NaN

■ 70.2238, 5.2160,
12.4251

0.0000, NaN, NaN

■ 82.0256, 5.0397,
13.5866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.4232, 4.8107,

14.7531

0.0000, NaN, NaN

107.3892, 4.5332,
15.9270

■ 21.5112, 5.0745,
6.5012

■ 21.5112, 5.0745,
6.5012

■ 20.1491, 6.8422,
7.3852

■ 22.9560, 3.4063,
5.5057

■ 18.8786, 8.7066,
8.1346

■ 24.4730, 1.8394,
4.4163

■ 17.7115, 10.6512,
8.7251

■ 26.0548, 0.3682,
3.2489

■ 16.6598, 12.6466,
9.1319

■ 27.6946, -1.0143,
2.0159

■ 15.7307, 14.6231,
9.4080

■ 29.3866, -2.3156,
0.7273

■ 15.2078, 15.7809,
9.6472

■ 31.1258, -3.5438,
-0.6092

■ 32.9080, -4.7062,
-1.9872

■ 34.7295, -5.8099,
-3.4015

■ 36.5871, -6.8612,
-4.8483

Harmonies

Analogous

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



21.5117, 7.8805, 3.5879



21.5112, 5.0745, 6.5012



21.5117, 0.7267, 7.8526

Triad

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



21.5117, 5.0735, 6.5015



21.5117, -9.0939, 2.8527



21.5117, 1.6227, -8.4137

Complementary

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



21.5112, 5.0745, 6.5012



23.4887, -5.2343, -4.7751

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.



21.5117, -2.9625, -8.7261



21.5112, 5.0745, 6.5012



21.5117, -8.8979, -1.5637

Square

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



21.5117, 5.0735, 6.5015



21.5117, -7.2959, 6.0606



21.5117, -6.7358, -6.0111



21.5117, 5.7765, -5.2304

Rectangle

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



21.5112, 5.0745, 6.5012



21.5117, -2.3449, 7.9212



21.5117, -6.7358, -6.0111



21.5117, 0.0737, -8.8789

Sweetspot

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



21.5117, 5.0735, 6.5015



34.4772, 0.4342, 4.2478



20.0638, 12.5282, -4.5811



17.4035, 0.3587, 2.2787



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



21.5117, 5.0735, 6.5015



26.5928, 9.0717, 9.7707



25.6588, -2.2840, 10.0341



14.0644, -0.1749, 1.3817



19.7444, 21.8074, 12.5482



45.9317, 56.6529, 29.2947

Inverse Universe

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



23.4887, -5.2343, -4.7751



29.7331, -7.4591, -8.2180



19.0933, 1.9666, -11.7677



14.2825, -1.2958, 0.1453



24.4921, -6.2700, -17.0779



57.4511, -13.0428, -43.6532

Previews

White Background



This preview shows how the HunterLab color 21.5112, 5.0745, 6.5012 looks on a white background.

Color Contrast Check

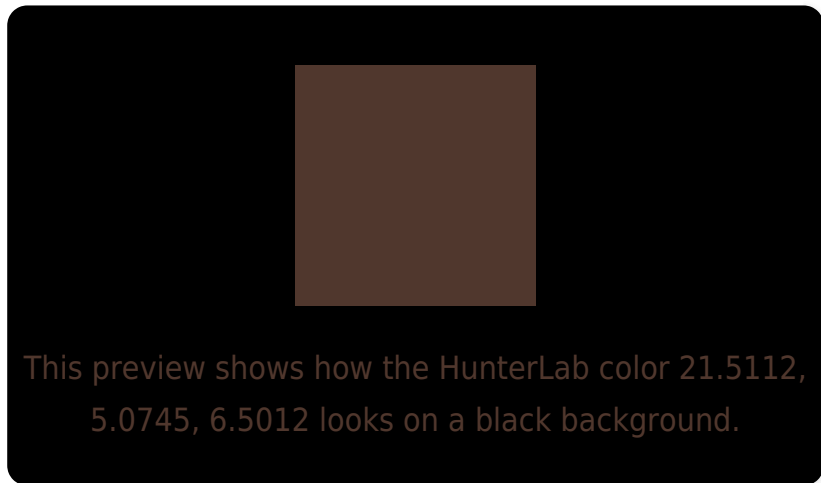
Large Text (above 18pt) WCAG AA ✓ Pass

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

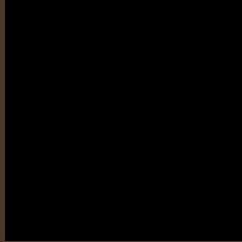
Any Text WCAG AA × Fail

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 21.5112, 5.0745, 6.5012 Background



This preview shows how black text looks on a background with the HunterLab color 21.5112, 5.0745, 6.5012.

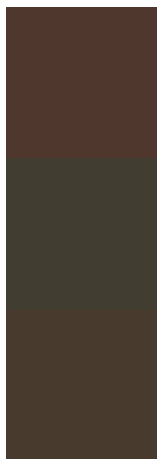


This preview shows how white text looks on a background with the HunterLab color 21.5112, 5.0745,

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

21.5112, 5.0745, 6.5012

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

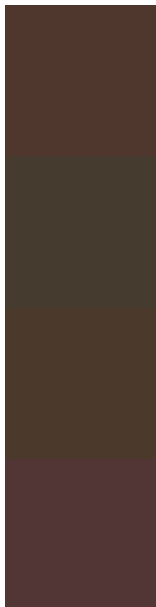
21.4142, 1.2037, 6.6189



Tritanopia

21.4265, 7.5313, 2.6235

Trichromacy



Original Color

21.5112, 5.0745, 6.5012

Protanomaly

21.5296, 0.4848, 5.8689

Deuteranomaly

21.4568, 2.5432, 6.6817

Tritanomaly

21.5516, 6.6382, 4.1301

Monochromacy



Original Color

21.5112, 5.0745, 6.5012

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.5237, 0.7926, 3.3203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5112, 5.0745, 6.5012 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(80, 55, 45)` looks like.

```
.text, #text, p{  
    color:rgb(80, 55, 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(80, 55, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 55, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5112, 5.0745, 6.5012 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(80, 55, 45) }
```


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

```
.border{ border-color:rgb(80, 55, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 55, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 55, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 55, 45);  
box-shadow:4px 4px 4px 4px rgb(80, 55, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5112, 5.0745, 6.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 55, 45) }
```

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

```
.background{ background-color: rgb(80, 55,  
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](#).

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