

Converting Colors

HunterLab(17.8676, 12.0013,
5.1808)

Have a look what the booklet for
HunterLab(17.8676, 12.0013,
5.1808) contains.

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Color

**HunterLab(17.8004, 12.1664,
5.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	502526
RGB	80, 37, 38
RGB Percent	31%, 15%, 15%
CMY	0.6863, 0.8549, 0.8510
CMYK	0.00, 0.54, 0.52, 0.69
HSL	359°, 37%, 23%
HSV	359°, 54%, 31%
XYZ	4.3197, 3.1685, 2.2176
YIQ	49.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

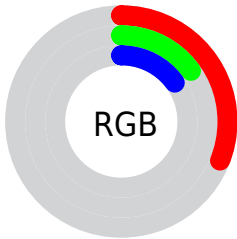
Format	Color
R_{YB}	80, 37, 38
Decimal	5252390
CIE Lab	20.71, 20.21, 8.67
CIE LCh	21, 21.993, 23.215
Yxy	3.1687, 0.4451, 0.3265
Android (android.graphics.Color)	4283442470 (0xFF502526)
YUV	49.9710, -5.9017, 26.3354
Hunter-Lab	17.8004, 12.1664, 5.0737

Details

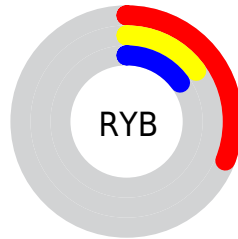
The HunterLab color **17.8004, 12.1664, 5.0737** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25.8751, -10.4918, -1.1902**, and the grayscale version is **17.8633, -0.9531, 0.9705**.

A 20% lighter version of the original color is **34.2295, 13.9937, 7.1619**, and **5.9960, 10.3048, 3.5911** is the 20% darker color. If you saturate the color by 10%, you get **16.3677, 14.8090, 5.8503**, and if you desaturate by 10%, it is **19.4377, 9.4778, 4.3174**.

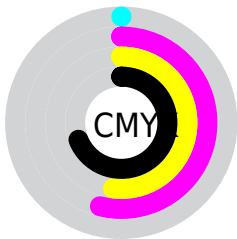
Distribution



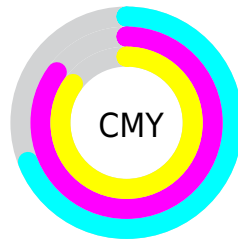
- Red (31%)
- Green (15%)
- Blue (15%)



- Red (31%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (52%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8004, 12.1664, 5.0737 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 17.8004, 12.1664, 5.0737 by changing the saturation by 10% instead.

■ 17.8004, 12.1664,
5.0737

■ 17.8004, 12.1664,
5.0737

■ 114.1603, 16.2125,
14.6443

■ 11.0473, 11.1177,
4.0592

■ 34.1799, 13.7830,
7.2250

■ 2.7982, 31.3269,
1.9587

■ 43.6087, 14.3965,
8.2721

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7734, 14.9034,
9.3160

0.0000, NaN, NaN

■ 64.6244, 15.3168,
10.3629

0.0000, NaN, NaN

■ 76.1205, 15.6468,
11.4169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2275, 15.9019,

100.9160, 16.0886,
13.5560

17.8004, 12.1664,
5.0737

17.8004, 12.1664,
5.0737

16.3677, 14.8090,
5.8503

19.4377, 9.4778,
4.3174

15.1699, 17.2823,
6.6095

21.2480, 6.8247,
3.6009

14.2359, 19.4152,
7.2979

23.2055, 4.2466,
2.9328

13.5235, 21.2047,
7.8554

25.2881, 1.7591,
2.3142

13.0749, 22.4223,
8.2075

27.4780, -0.6364,
1.7421

■ 29.7606, -2.9458,
1.2120

■ 32.1242, -5.1782,
0.7187

■ 34.5592, -7.3436,
0.2574

■ 37.0581, -9.4516,
-0.1765

Harmonies

Analogous

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



17.8009, 13.3608, -0.5055



17.8004, 12.1664, 5.0737



17.8009, 7.2360, 8.1412

Triad

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



17.8009, 12.1653, 5.0740



17.8009, -9.9560, 6.7537



17.8009, -2.4145, -15.5050

Complementary

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



17.8004, 12.1664, 5.0737



25.8751, -10.4918, -1.1902

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.



17.8009, -7.8820, -11.5442



17.8004, 12.1664, 5.0737



17.8009, -11.8099, 2.3271

Square

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



17.8009, 12.1653, 5.0740



17.8009, -5.6480, 8.8373



17.8009, -11.1095, -4.4299



17.8009, 4.2905, -13.9323

Rectangle

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



17.8004, 12.1664, 5.0737



17.8009, 2.8342, 9.0460



17.8009, -11.1095, -4.4299



17.8009, -4.4437, -14.7404

Sweetspot

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



17.8009, 12.1653, 5.0740



32.6104, 3.2426, 3.2821



18.8314, 17.2651, -11.9888



16.4499, 1.8369, 1.7173



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.



17.8009, 12.1653, 5.0740



21.1826, 20.4341, 7.9913



21.8450, 3.5156, 8.7713



13.8040, 0.2880, 1.0587



17.2667, 29.6006, 10.9187



41.4439, 71.0024, 26.5593

Inverse Universe

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



17.8009, 12.1653, 5.0740



21.1826, 20.4341, 7.9913



20.4876, -2.5412, -9.3834



13.8040, 0.2880, 1.0587



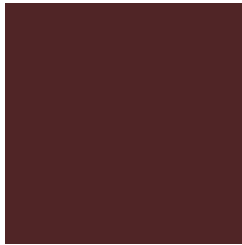
17.2667, 29.6006, 10.9187



41.4439, 71.0024, 26.5593

Previews

White Background



This preview shows how the HunterLab color 17.8004, 12.1664, 5.0737 looks on a white background.

Color Contrast Check

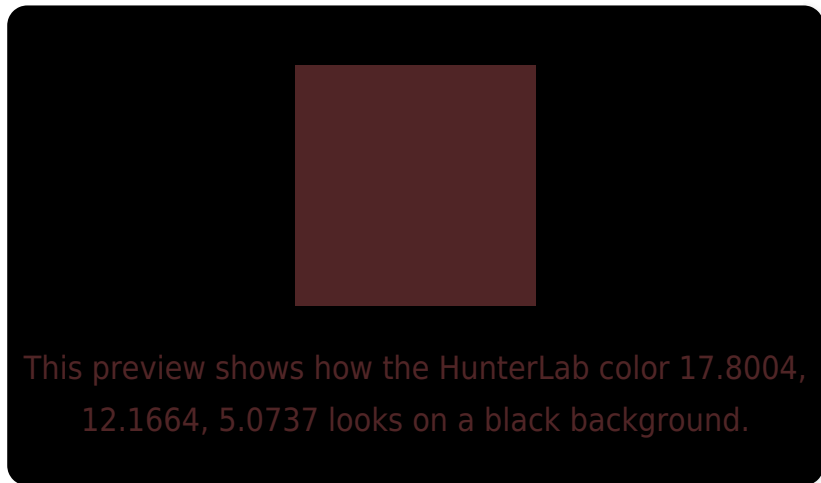
Large Text (above 18pt) WCAG AA ✓ Pass

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

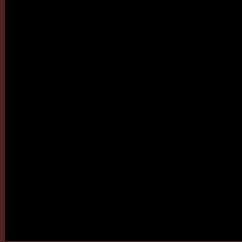
Any Text WCAG AA × Fail

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 17.8004, 12.1664, 5.0737 Background



This preview shows how black text looks on a background with the HunterLab color 17.8004, 12.1664, 5.0737.



This preview shows how white text looks on a background with the HunterLab color 17.8004, 12.1664,

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

17.8004, 12.1664, 5.0737

Protanopia

17.9442, -0.9289, 3.1675

Deuteranopia

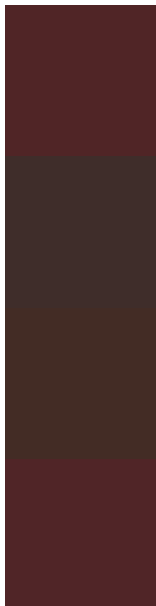
17.8940, 0.9947, 5.5133



Tritanopia

17.8188, 12.2535, 4.8076

Trichromacy



Original Color

17.8004, 12.1664, 5.0737

Protanomaly

17.6088, 3.7132, 3.5400

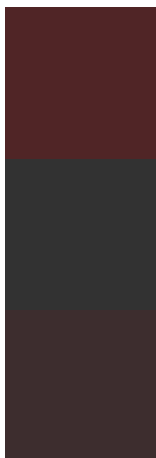
Deuteranomaly

17.6868, 4.8691, 5.1165

Tritanomaly

17.8188, 12.2535, 4.8076

Monochromacy



Original Color

17.8004, 12.1664, 5.0737

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.5104, 3.5678, 2.1003

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8004, 12.1664, 5.0737 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, 37, 38)` looks like.

```
.text, #text, p{  
    color:rgb(80, 37, 38)  
}
```

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, 37, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 37, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8004, 12.1664, 5.0737 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, 37, 38) }
```


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

```
.border{ border-color:rgb(80, 37, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 37, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 37, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 37, 38);  
box-shadow:4px 4px 4px 4px rgb(80, 37, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8004, 12.1664, 5.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 37, 38) }
```

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

```
.background{ background-color: rgb(80, 37,  
38) }
```

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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