

Converting Colors

HunterLab(18.4697, 13.5607,
-0.5321)

Have a look what the booklet for
HunterLab(18.4697, 13.5607,
-0.5321) contains.

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Color

**HunterLab(18.3772, 13.6390,
-0.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	502638
RGB	80, 38, 56
RGB Percent	31%, 15%, 22%
CMY	0.6863, 0.8510, 0.7804
CMYK	0.00, 0.52, 0.30, 0.69
HSL	334°, 36%, 23%
HSV	334°, 52%, 31%
XYZ	4.7152, 3.3772, 4.1447
YIQ	52.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

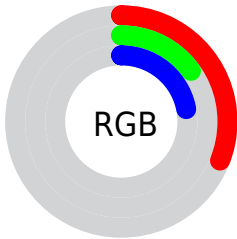
Format	Color
R_{YB}	80, 38, 56
Decimal	5252664
CIE Lab	21.50, 22.10, -2.63
CIE LCh	21, 22.257, 353.213
Yxy	3.3774, 0.3853, 0.2760
Android (android.graphics.Color)	4283442744 (0xFF502638)
YUV	52.6100, 1.6713, 24.0210
Hunter-Lab	18.3772, 13.6390, -0.5080

Details

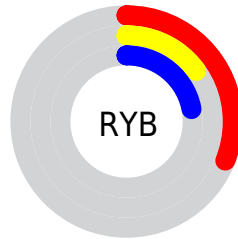
The HunterLab color **18.3772, 13.6390, -0.5080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **25.4897, -12.8308, 4.8806**, and the grayscale version is **18.7270, -0.9992, 1.0175**.

A 20% lighter version of the original color is **34.8500, 15.7321, -0.0811**, and **6.4990, 11.5769, 0.7336** is the 20% darker color. If you saturate the color by 10%, you get **16.9616, 16.4075, -0.3830**, and if you desaturate by 10%, it is **19.9799, 10.7428, -0.4227**.

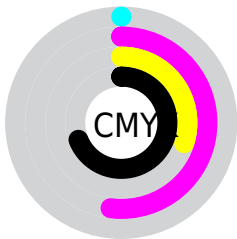
Distribution



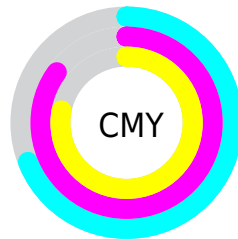
- Red (31%)
- Green (15%)
- Blue (22%)



- Red (31%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (69%)














- Cyan (69%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3772, 13.6390, -0.5080 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 18.3772, 13.6390, -0.5080 by changing the saturation by 10% instead.

 18.3772, 13.6390, -0.5080	 18.3772, 13.6390, -0.5080
 115.2279, 18.3928, 3.5697	 11.5403, 12.5063, -0.6820
 34.8955, 15.4295, 0.0582	 4.0696, 23.4470, -2.4578
 44.3843, 16.1271, 0.4287	0.0000, NaN, NaN
 54.6049, 16.7154, 0.8491	0.0000, NaN, NaN
 65.5081, 17.2074, 1.3148	0.0000, NaN, NaN
 77.0536, 17.6134, 1.8223	0.0000, NaN, NaN
 89.2075, 17.9419,	0.0000, NaN, NaN

2.3688

0.0000, NaN, NaN

101.9407, 18.1998,
2.9519

18.3772, 13.6390,
-0.5080

18.3772, 13.6390,
-0.5080

16.9616, 16.4075,
-0.3830

19.9799, 10.7428,
-0.4227

15.7590, 18.9233,
-0.0193

21.7425, 7.8090,
-0.1626

14.7947, 21.0231,
0.5984

23.6423, 4.8890,
0.2408

14.0495, 22.6595,
1.4173

25.6601, 2.0105,
0.7601

13.5004, 23.9875,
1.9980

27.7796, -0.8146,
1.3732

■ 29.9877, -3.5837,
2.0627

■ 32.2737, -6.2995,
2.8149

■ 34.6287, -8.9667,
3.6192

■ 37.0454, -11.5914,
4.4674

Harmonies

Analogous

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



18.3777, 10.5139, -7.9544



18.3772, 13.6390, -0.5080



18.3777, 12.4183, 5.2042

Triad

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



18.3777, 13.6380, -0.5076



18.3777, -5.7880, 9.0744



18.3777, -8.0767, -11.7673

Complementary

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



18.3772, 13.6390, -0.5080



25.4897, -12.8308, 4.8806

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.



18.3777, -11.3848, -4.5142



18.3772, 13.6390, -0.5080



18.3777, -10.2017, 6.9294

Square

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



18.3777, 13.6380, -0.5076



18.3777, 0.5657, 9.4823



18.3777, -12.1030, 2.3904



18.3777, -2.4793, -15.8008

Rectangle

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



18.3772, 13.6390, -0.5080



18.3777, 9.3801, 7.5680



18.3777, -12.1030, 2.3904



18.3777, -9.4588, -9.5228

Sweetspot

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



18.3777, 13.6380, -0.5076



32.7908, 4.2007, 0.7075



17.2722, 12.3036, -15.1937



16.5478, 2.3552, 0.3210



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.



18.3777, 13.6380, -0.5076



21.9331, 22.6436, -0.4050



18.4869, 10.5595, 5.6948



13.8422, 0.4944, 0.5131



17.7877, 31.5187, 3.3031



42.5130, 74.9437, 10.8900

Inverse Universe

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



18.3777, 13.6380, -0.5076



21.9331, 22.6436, -0.4050



25.1538, -9.1384, -2.5494



13.8422, 0.4944, 0.5131



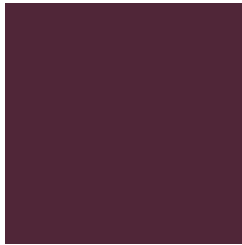
17.7877, 31.5187, 3.3031



42.5130, 74.9437, 10.8900

Previews

White Background



This preview shows how the HunterLab color 18.3772, 13.6390, -0.5080 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

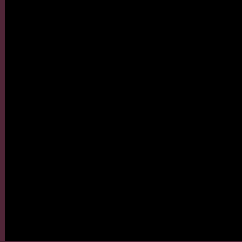
Any Text WCAG AA × Fail

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 18.3772, 13.6390, -0.5080 Background



This preview shows how black text looks on a background with the HunterLab color 18.3772, 13.6390, -0.5080.



This preview shows how white text looks on a background with the HunterLab color 18.3772, 13.6390,

-0.5080.

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

18.3772, 13.6390, -0.5080

Protanopia

18.6832, 0.2540, -4.3536

Deuteranopia

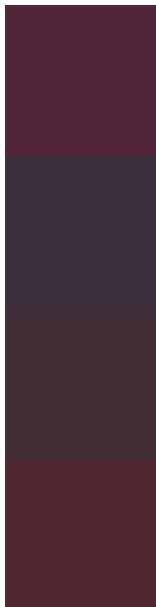
18.7186, 0.9715, 0.4968



Tritanopia

18.5002, 10.5940, 4.2605

Trichromacy



Original Color

18.3772, 13.6390, -0.5080

Protanomaly

18.2797, 4.6239, -3.4371

Deuteranomaly

18.3130, 5.4455, -0.3224

Tritanomaly

18.4208, 11.5315, 2.5523

Monochromacy



Original Color

18.3772, 13.6390, -0.5080

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.5392, 3.8811, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3772, 13.6390, -0.5080 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, 38, 56)` looks like.

```
.text, #text, p{  
    color:rgb(80, 38, 56)  
}
```

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, 38, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 38, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3772, 13.6390, -0.5080 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, 38, 56) }
```


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

```
.border{ border-color:rgb(80, 38, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 38, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 38, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 38, 56);  
box-shadow:4px 4px 4px 4px rgb(80, 38, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3772, 13.6390, -0.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 38, 56) }
```

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

```
.background{ background-color: rgb(80, 38,  
56) }
```

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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