

Converting Colors

HunterLab(48.1553, 19.3213,
12.1980)

Have a look what the booklet for
HunterLab(48.1553, 19.3213,
12.1980) contains.

HunterLab(48.1553, 19.3213, 12.1980)	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(48.1553, 19.3213,
12.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	B5736D
RGB	181, 115, 109
RGB Percent	71%, 45%, 43%
CMY	0.2902, 0.5490, 0.5725
CMYK	0.00, 0.36, 0.40, 0.29
HSL	5°, 33%, 57%
HSV	5°, 40%, 71%
XYZ	27.9471, 23.1893, 17.4710
YIQ	134.0500, 41.2620, 12.1260

Conversions

Conversions Part 2

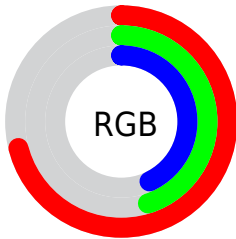
Format	Color
R_{YB}	181, 116, 109
Decimal	11891565
CIE _{Lab}	55.27, 25.30, 14.20
CIE _{LCh}	55, 29.006, 29.300
Yxy	23.1905, 0.4073, 0.3380
Android (android.graphics.Color)	4290081645 (0xFFB5736D)
YUV	134.0500, -12.3496, 41.1752
Hunter-Lab	48.1553, 19.3213, 12.1980

Details

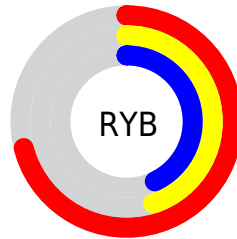
The HunterLab color **48.1553, 19.3213, 12.1980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61.0294, -19.1256, -5.1989**, and the grayscale version is **48.8826, -2.6083, 2.6559**.

A 20% lighter version of the original color is **69.9243, 20.4452, 15.2452**, and **29.4616, 17.6445, 9.2914** is the 20% darker color. If you saturate the color by 10%, you get **44.0346, 25.6854, 14.2873**, and if you desaturate by 10%, it is **52.6799, 13.1549, 10.0545**.

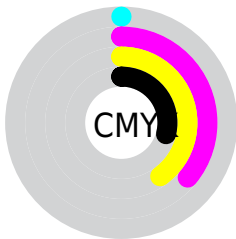
Distribution



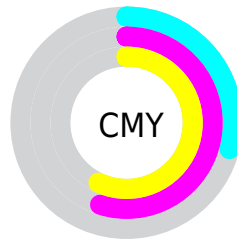
- Red (71%)
- Green (45%)
- Blue (43%)



- Red (71%)
- Yellow (45%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1553, 19.3213, 12.1980 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 48.1553, 19.3213, 12.1980 by changing the saturation by 10% instead.

■ 48.1553, 19.3213,
12.1980

■ 48.1553, 19.3213,
12.1980

163.9213, 22.7244,
24.3168

■ 38.3852, 18.5134,
10.7969

■ 69.7896, 20.6131,
14.9247

■ 29.3821, 17.5837,
9.3486

■ 81.5683, 21.1238,
16.2674

■ 21.2194, 16.5129,
7.8269

■ 93.9439, 21.5551,
17.6045

■ 13.9947, 15.2876,
6.2037

■ 106.8888, 21.9137,
18.9401

■ 7.6367, 15.0777,
5.3457

120.3791, 22.2054,
20.2771

0.0000, INF, NaN

0.0000, NaN, NaN

134.3936, 22.4351,

21.6177

0.0000, NaN, NaN

148.9133, 22.6069,
22.9638

0.0000, NaN, NaN

■ 48.1553, 19.3213,
12.1980

■ 48.1553, 19.3213,
12.1980

■ 44.0346, 25.6854,
14.2873

■ 52.6799, 13.1549,
10.0545

■ 40.3858, 32.1134,
16.2447

■ 57.5435, 7.2532,
7.9002

■ 37.2882, 38.3474,
17.9607

■ 62.6966, 1.6253,
5.7604

■ 34.8162, 44.0053,
19.2990

■ 68.0983, -3.7433,
3.6468

■ 33.0226, 48.6281,
20.1332

■ 73.7154, -8.8783,
1.5629

■ 31.9052, 51.7833,
20.5450

■ 79.5212, -13.8089,
-0.4918

■ 31.8874, 51.8332,
20.5563

■ 85.4940, -18.5639,
-2.5199

■ 91.6164, -23.1694,
-4.5250

■ 94.1083, -26.4808,
-2.0791

Harmonies

Analogous

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



48.1565, 22.8241, 2.3514



48.1553, 19.3213, 12.1980



48.1565, 9.8229, 17.9695

Triad

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



48.1565, 19.3189, 12.1988



48.1565, -20.9005, 12.5614



48.1565, -2.8547, -24.9988

Complementary

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



48.1553, 19.3213, 12.1980



61.0294, -19.1256, -5.1989

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.



48.1565, -13.8278, -20.4120



48.1553, 19.3213, 12.1980



48.1565, -23.5982, 2.8897

Square

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



48.1565, 19.3189, 12.1988



48.1565, -13.3829, 18.1398



48.1565, -21.1391, -9.4456



48.1565, 9.2855, -20.8024

Rectangle

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



48.1553, 19.3213, 12.1980



48.1565, 1.8010, 19.6247



48.1565, -21.1391, -9.4456



48.1565, -6.7945, -24.4183

Sweetspot

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



48.1565, 19.3189, 12.1988



82.2027, 3.9663, 8.3998



48.8430, 32.4309, -18.5677



37.8039, 2.2856, 4.0743



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



48.1565, 19.3189, 12.1988



59.4429, 33.5342, 18.8531



57.4989, 1.4594, 20.5372



29.3520, 0.6384, 2.6399



26.5594, 42.7577, 17.1143



5.0916, 6.3895, 3.2493

Inverse Universe

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



61.0294, -19.1256, -5.1989



80.0474, -28.7104, -9.1695



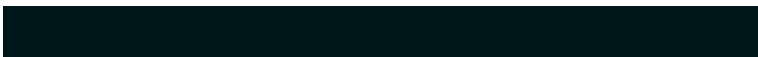
50.0528, -2.4309, -20.9840



30.8349, -3.7085, 0.6564



45.9638, -21.5506, -10.9292



8.3672, -4.0873, -1.6349

Previews

White Background



This preview shows how the HunterLab color 48.1553, 19.3213, 12.1980 looks on a white background.

Color Contrast Check

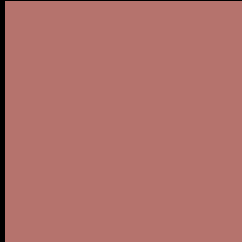
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.1553, 19.3213, 12.1980 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.1553, 19.3213, 12.1980 Background



This preview shows how black text looks on a background with the HunterLab color 48.1553, 19.3213, 12.1980.



This preview shows how white text looks on a background with the HunterLab color 48.1553, 19.3213,

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

48.1553, 19.3213, 12.1980

Protanopia

48.2696, -2.4921, 8.6472

Deuteranopia

48.3424, 2.9088, 12.7794



Tritanopia

48.1253, 22.2656, 7.3605

Trichromacy



Original Color

48.1553, 19.3213, 12.1980

Protanomaly

47.9891, 4.8497, 9.6164

Deuteranomaly

48.1052, 8.9507, 12.3129

Tritanomaly

48.2328, 21.1378, 9.4032

Monochromacy



Original Color

48.1553, 19.3213, 12.1980

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.2066, 4.7044, 5.9241

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1553, 19.3213, 12.1980 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(181, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 109)  
}
```

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(181, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1553, 19.3213, 12.1980 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(181, 115, 109) }
```


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

```
.border{ border-color:rgb(181, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1553, 19.3213, 12.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 109) }
```

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

```
.background{ background-color: rgb(181,  
115, 109) }
```

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