

Converting Colors

HunterLab(19.6617, 12.0520,
5.4615)

Have a look what the booklet for
HunterLab(19.6617, 12.0520,
5.4615) contains.

HunterLab(19.6993, 12.0801, 5.4713)	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(19.6993, 12.0801,
5.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	562B2B
RGB	86, 43, 43
RGB Percent	34%, 17%, 17%
CMY	0.6627, 0.8314, 0.8314
CMYK	0.00, 0.50, 0.50, 0.66
HSL	0°, 33%, 25%
HSV	0°, 50%, 34%
XYZ	5.1377, 3.8806, 2.7638
YIQ	55.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

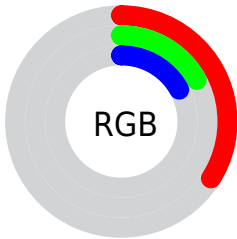
Format	Color
R_{YB}	86, 43, 43
Decimal	5647147
CIE _{Lab}	23.27, 19.77, 8.94
CIE _{LCh}	23, 21.696, 24.320
Yxy	3.8808, 0.4361, 0.3294
Android (android.graphics.Color)	4283837227 (0xFF562B2B)
YUV	55.8570, -6.3385, 26.4354
Hunter-Lab	19.6993, 12.0801, 5.4713

Details

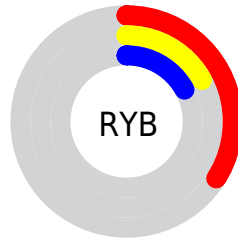
The HunterLab color **19.6993, 12.0801, 5.4713** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28.0012, -10.7309, -1.5755**, and the grayscale version is **19.8528, -1.0593, 1.0786**.

A 20% lighter version of the original color is **36.6336, 13.3597, 7.8648**, and **6.7165, 11.5022, 4.3401** is the 20% darker color. If you saturate the color by 10%, you get **18.0652, 14.9835, 6.3271**, and if you desaturate by 10%, it is **21.5486, 9.1664, 4.6289**.

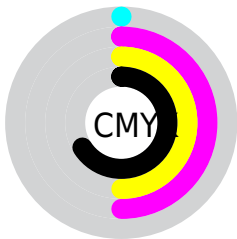
Distribution



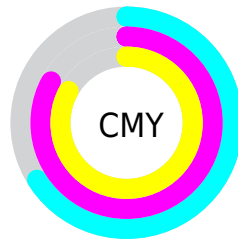
- Red (34%)
- Green (17%)
- Blue (17%)



- Red (34%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (66%)



- Cyan (66%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6993, 12.0801, 5.4713 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 19.6993, 12.0801, 5.4713 by changing the saturation by 10% instead.

■ 19.6993, 12.0801,
5.4713

■ 19.6993, 12.0801,
5.4713

■ 117.6460, 15.7248,
15.1764

■ 12.6772, 11.0998,
4.3125

■ 36.5261, 13.5773,
7.6481

■ 6.0199, 13.9892,
4.2139

■ 46.1491, 14.1401,
8.7106

0.0000, NaN, NaN

■ 56.4943, 14.6009,
9.7704

0.0000, NaN, NaN

■ 67.5144, 14.9720,
10.8333

0.0000, NaN, NaN

■ 79.1704, 15.2629,
11.9031

0.0000, NaN, NaN

■ 91.4292, 15.4812,

0.0000, NaN, NaN

12.9824

0.0000, NaN, NaN

104.2627, 15.6335,
14.0731

19.6993, 12.0801,
5.4713

19.6993, 12.0801,
5.4713

18.0652, 14.9835,
6.3271

21.5486, 9.1664,
4.6289

16.6801, 17.7573,
7.1567

23.5791, 6.3169,
3.8204

15.5782, 20.2231,
7.9035

25.7633, 3.5636,
3.0552

14.7786, 22.1880,
8.5042

28.0784, 0.9163,
2.3350

14.0661, 24.0865,
9.0891

30.5057, -1.6278,
1.6574

■ 14.0661, 24.0866,
9.0891

■ 33.0302, -4.0778,
1.0184

■ 35.6398, -6.4448,
0.4133

■ 38.3248, -8.7403,
-0.1624

■ 41.0771, -10.9751,
-0.7129

Harmonies

Analogous

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



19.6998, 13.4355, -0.1763



19.6993, 12.0801, 5.4713



19.6998, 7.0173, 8.6419

Triad

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



19.6998, 12.0789, 5.4716



19.6998, -10.4416, 6.9528



19.6998, -2.3080, -15.3827

Complementary

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



19.6993, 12.0801, 5.4713



28.0012, -10.7309, -1.5755

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.



19.6998, -8.0011, -11.6660



19.6993, 12.0801, 5.4713



19.6998, -12.2782, 2.2442

Square

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



19.6998, 12.0789, 5.4716



19.6998, -6.0701, 9.2760



19.6998, -11.4480, -4.6557



19.6998, 4.5244, -13.6363

Rectangle

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



19.6993, 12.0801, 5.4713



19.6998, 2.5425, 9.5845



19.6998, -11.4480, -4.6557



19.6998, -4.4063, -14.7013

Sweetspot

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



19.6998, 12.0789, 5.4716



35.4151, 3.1217, 3.6042



20.9239, 17.8219, -11.7421



17.3064, 1.7574, 1.8390



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.6998, 12.0789, 5.4716



23.4826, 20.5743, 8.5924



24.2411, 2.7572, 9.3955



14.5596, 0.3093, 1.1552



17.6978, 30.3062, 11.4359



41.9457, 71.8316, 27.1043

Inverse Universe

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



28.0012, -10.7309, -1.5755



36.5529, -15.9716, -2.7152



22.1562, -2.2153, -9.9461



15.3685, -1.8490, 0.4900



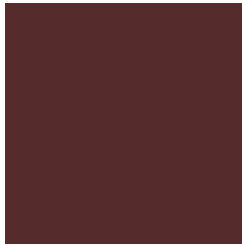
34.0568, -18.0540, -3.5945



80.7189, -42.7902, -8.5199

Previews

White Background



This preview shows how the HunterLab color 19.6993, 12.0801, 5.4713 looks on a white background.

Color Contrast Check

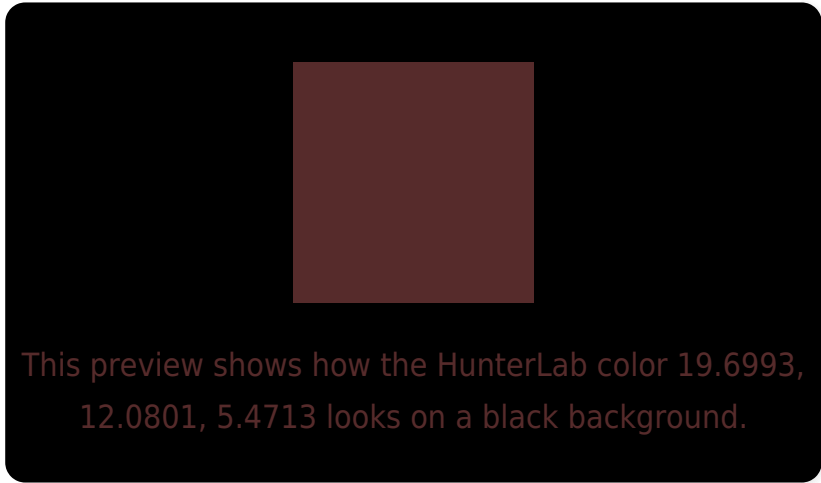
Large Text (above 18pt) WCAG AA ✓ Pass

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

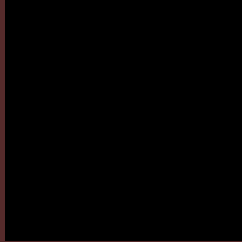
Any Text WCAG AA × Fail

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 19.6993, 12.0801, 5.4713 Background



This preview shows how black text looks on a background with the HunterLab color 19.6993, 12.0801, 5.4713.



This preview shows how white text looks on a background with the HunterLab color 19.6993, 12.0801,

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

19.6993, 12.0801, 5.4713

Protanopia

19.9497, -1.1603, 3.6368

Deuteranopia

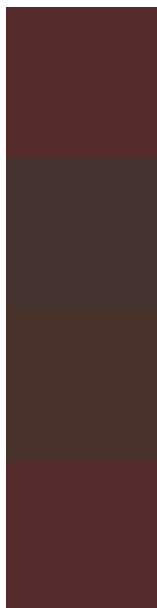
19.8914, 0.7814, 6.0177



Tritanopia

19.7571, 12.3583, 4.6339

Trichromacy



Original Color

19.6993, 12.0801, 5.4713

Protanomaly

19.5911, 3.5381, 3.9949

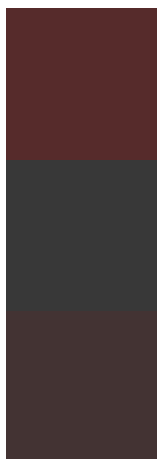
Deuteranomaly

19.6592, 4.6953, 5.5898

Tritanomaly

19.7374, 12.2635, 4.9191

Monochromacy



Original Color

19.6993, 12.0801, 5.4713

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.4935, 3.3940, 2.5452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6993, 12.0801, 5.4713 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(86, 43, 43) looks like.

```
.text, #text, p{  
    color:rgb(86, 43, 43)  
}
```

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(86, 43, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 43, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6993, 12.0801, 5.4713 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(86, 43, 43) }
```


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

```
.border{ border-color:rgb(86, 43, 43) }
```

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

Here you see how a box with a 4 pixel rgb(86, 43, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 43, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 43, 43);  
box-shadow:4px 4px 4px 4px rgb(86, 43, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6993, 12.0801, 5.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 43, 43) }
```

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

```
.background{ background-color: rgb(86, 43,  
43) }
```

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