

Converting Colors

HunterLab(51.1711, -0.6504,
25.3311)

Have a look what the booklet for
HunterLab(51.1711, -0.6504,
25.3311) contains.

HunterLab(51.0028, -0.5898, 25.2444)	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(51.0028, -0.5898,
25.2444)**

Conversions

Conversions Part 1

Format	Color
Hex	A58843
RGB	165, 136, 67
RGB Percent	65%, 53%, 26%
CMY	0.3529, 0.4666, 0.7372
CMYK	0.00, 0.18, 0.59, 0.35
HSL	42°, 42%, 45%
HSV	42°, 59%, 65%
XYZ	25.3343, 26.0129, 8.9959
YIQ	136.8050, 39.4330, -15.3110

Conversions

Conversions Part 2

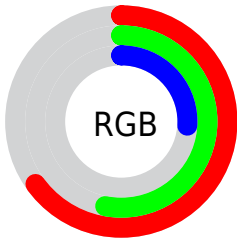
Format	Color
R_{YB}	108, 165, 67
Decimal	10848323
CIE _{Lab}	58.05, 2.60, 40.56
CIE _{LCh}	58, 40.647, 86.332
Y _{xy}	26.0141, 0.4198, 0.4311
Android (android.graphics.Color)	4289038403 (0xFFA58843)
YUV	136.8050, -34.4139, 24.7270
Hunter-Lab	51.0028, -0.5898, 25.2444

Details

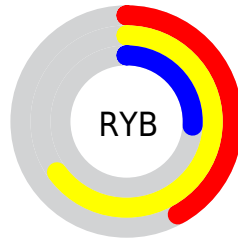
The HunterLab color $51.0028, -0.5898, 25.2444$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $35.0358, 6.3914, -38.5389$, and the grayscale version is $50.0606, -2.6711, 2.7199$.

A 20% lighter version of the original color is $72.9446, -1.5493, 31.2417$, and $31.8984, -0.1554, 18.5892$ is the 20% darker color. If you saturate the color by 10%, you get $49.4969, 0.7835, 26.8305$, and if you desaturate by 10%, it is $52.5812, -1.6970, 23.0279$.

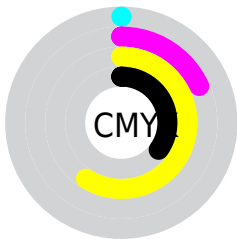
Distribution



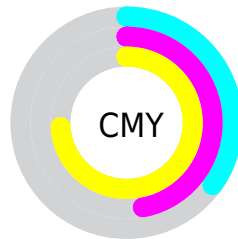
- Red (65%)
- Green (53%)
- Blue (26%)



- Red (42%)
- Yellow (65%)
- Blue (26%)



- Cyan (0%)
- Magenta (18%)
- Yellow (59%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0028, -0.5898, 25.2444 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 51.0028, -0.5898, 25.2444 by changing the saturation by 10% instead.

51.0028, -0.5898,
25.2444

51.0028, -0.5898,
25.2444

168.1818, -5.8232,
49.4878

41.0295, -0.2058,
22.0126

73.0053, -1.5004,
31.2329

31.8062, 0.1284,
18.5664

84.9530, -2.0158,
34.0482

23.4012, 0.4038,
14.9993

97.4896, -2.5683,
36.7729

15.9037, 0.6103,
11.1326

110.5886, -3.1559,
39.4228

9.4406, 0.7316,
6.6084

124.2268, -3.7766,
42.0101

0.0000, NaN, NaN

0.0000, NaN, NaN

138.3837, -4.4290,

44.5449

0.0000, NaN, NaN

153.0409, -5.1116,
47.0352

0.0000, NaN, NaN

■ 51.0028, -0.5898,
25.2444

■ 51.0028, -0.5898,
25.2444

■ 49.4969, 0.7835,
26.8305

■ 52.5812, -1.6970,
23.0279

■ 48.0605, 2.4222,
27.7899

■ 54.2271, -2.5305,
20.1875

■ 46.6941, 4.3091,
28.1483

■ 55.9399, -3.0957,
16.7406

■ 45.3899, 6.3883,
28.0433

■ 57.7174, -3.3988,
12.7102

■ 45.3119, 6.5159,
28.0350

■ 59.5572, -3.4484,
8.1229

■ 61.4570, -3.2544,
3.0076

■ 63.4142, -2.8280,
-2.6061

■ 65.4263, -2.1805,
-8.6885

■ 67.4910, -1.3238,
-15.2106

Harmonies

Analogous

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



51.0040, 16.9274, 22.6269



51.0028, -0.5898, 25.2444



51.0040, -16.5754, 23.6841

Triad

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



51.0040, -0.5919, 25.2449



51.0040, -29.1000, -13.2358



51.0040, 27.8087, -17.9160

Complementary

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



51.0028, -0.5898, 25.2444



35.0358, 6.3914, -38.5389

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.



51.0040, 12.7837, -34.2157



51.0028, -0.5898, 25.2444



51.0040, -19.7880, -30.9443

Square

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



51.0040, -0.5919, 25.2449



51.0040, -31.7003, 4.7475



51.0040, -4.8220, -39.6344



51.0040, 34.6374, 0.7231

Rectangle

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



51.0028, -0.5898, 25.2444



51.0040, -24.5023, 20.0670



51.0040, -4.8220, -39.6344



51.0040, 23.4595, -24.0611

Sweetspot

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



51.0040, -0.5919, 25.2449



77.4988, -4.5714, 16.3918



35.8688, 35.0372, 4.2629



35.9220, -2.1057, 8.4104



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.0040, -0.5919, 25.2449



65.6710, 1.6506, 36.3651



57.7681, -20.0886, 29.7944



28.0743, -1.6243, 3.7967



39.5249, 5.4566, 24.4506



6.3569, -0.3102, 3.9117

Inverse Universe

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



35.0358, 6.3914, -38.5389



40.5372, 14.6035, -68.0101



29.5604, 24.9101, -52.7467



26.8061, -1.2082, -0.9834



19.4507, 21.0414, -69.7341



3.9728, 0.4738, -5.9885

Previews

White Background



This preview shows how the HunterLab color 51.0028, -0.5898, 25.2444 looks on a white background.

Color Contrast Check

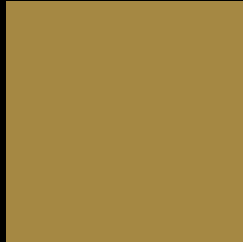
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0028, -0.5898, 25.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

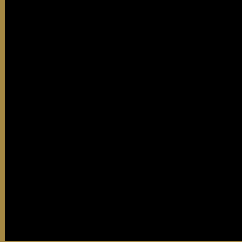
Any Text WCAG AA ✓ Pass

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 51.0028, -0.5898, 25.2444 Background



This preview shows how black text looks on a background with the HunterLab color 51.0028, -0.5898, 25.2444.



This preview shows how white text looks on a background with the HunterLab color 51.0028, -0.5898,

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

51.0028, -0.5898, 25.2444

Protanopia

51.1293, -5.9016, 25.0606

Deuteranopia

50.9540, 3.4688, 25.0948



Tritanopia

50.9227, 12.8940, 3.6085

Trichromacy



Original Color

51.0028, -0.5898, 25.2444

Protanomaly

51.2382, -4.0574, 25.1735

Deuteranomaly

50.8946, 1.8799, 25.0229

Tritanomaly

50.8306, 7.2771, 13.5686

Monochromacy



Original Color

51.0028, -0.5898, 25.2444

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.2635, -3.0752, 12.8362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0028, -0.5898, 25.2444 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(165, 136, 67)` looks like.

```
.text, #text, p{  
    color:rgb(165, 136, 67)  
}
```

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(165, 136, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 136, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0028, -0.5898, 25.2444 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(165, 136, 67) }
```


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

```
.border{ border-color:rgb(165, 136, 67) }
```

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

Here you see how a box with a 4 pixel rgb(165, 136, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 136, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 136, 67);  
box-shadow:4px 4px 4px 4px rgb(165, 136,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0028, -0.5898, 25.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 136, 67) }
```

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

```
.background{ background-color: rgb(165,  
136, 67) }
```

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