

Converting Colors

HunterLab(53.6902, -5.2967,
31.3898)

Have a look what the booklet for
HunterLab(53.6902, -5.2967,
31.3898) contains.

HunterLab(53.5588, -5.2478, 31.3180)	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(53.5588, -5.2478,
31.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	A89121
RGB	168, 145, 33
RGB Percent	66%, 57%, 13%
CMY	0.3412, 0.4314, 0.8706
CMYK	0.00, 0.14, 0.80, 0.34
HSL	50°, 67%, 39%
HSV	50°, 80%, 66%
XYZ	26.5484, 28.6855, 5.5764
YIQ	139.1090, 49.6600, -29.9560

Conversions

Conversions Part 2

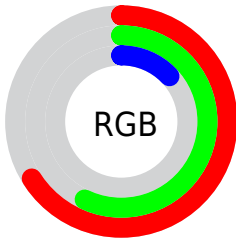
Format	Color
RYB	61, 168, 33
Decimal	11047201
CIELab	60.50, -2.92, 57.63
CIElCh	61, 57.702, 92.897
Yxy	28.6868, 0.4366, 0.4717
Android (android.graphics.Color)	4289237281 (0xFFA89121)
YUV	139.1090, -52.3117, 25.3374
Hunter-Lab	53.5588, -5.2478, 31.3180

Details

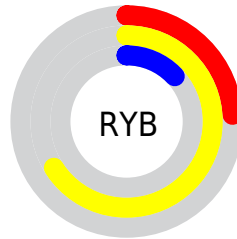
The HunterLab color **53.5588, -5.2478, 31.3180** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24.4517, 23.7087, -74.3454**, and the grayscale version is **51.0441, -2.7236, 2.7733**.

A 20% lighter version of the original color is **75.9738, -7.1413, 39.4846**, and **34.1016, -3.2811, 20.9558** is the 20% darker color. If you saturate the color by 10%, you get **52.6796, -4.3017, 31.8248**, and if you desaturate by 10%, it is **54.4897, -5.9630, 30.2125**.

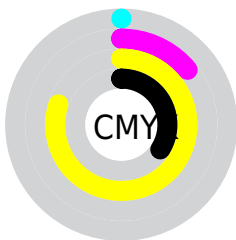
Distribution



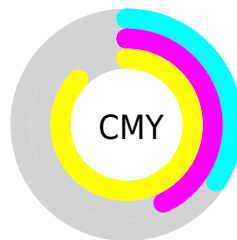
- Red (66%)
- Green (57%)
- Blue (13%)



- Red (24%)
- Yellow (66%)
- Blue (13%)



- Cyan (0%)
- Magenta (14%)
- Yellow (80%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.5588, -5.2478, 31.3180 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 53.5588, -5.2478, 31.3180 by changing the saturation by 10% instead.

■ 53.5588, -5.2478,
31.3180

■ 53.5588, -5.2478,
31.3180

171.9693,
-12.7268, 63.6957

■ 43.4097, -4.5433,
26.9381

■ 75.8809, -6.7413,
39.4361

■ 33.9965, -3.8627,
22.3093

■ 87.9758, -7.5250,
43.2349

■ 25.3835, -3.2080,
17.7685

■ 100.6527, -8.3334,
46.8942

■ 17.6534, -2.5773,
12.3574

■ 113.8861, -9.1660,
50.4342

■ 10.9216, -1.9663,
7.6451

■ 127.6534,
-10.0221, 53.8716

■ 2.3627, -4.1347,
1.6539

■ 141.9346,

0.0000, NaN, NaN

-10.9013, 57.2203

0.0000, NaN, NaN

156.7120,
-11.8030, 60.4917

0.0000, NaN, NaN

■ 53.5588, -5.2478,
31.3180

■ 53.5588, -5.2478,
31.3180

■ 52.6796, -4.3017,
31.8248

■ 54.4897, -5.9630,
30.2125

■ 51.8662, -3.2250,
31.9033

■ 55.4717, -6.4202,
28.4595

■ 56.5080, -6.6087,
26.0316

■ 57.6000, -6.5207,
22.9149

■ 58.7481, -6.1529,
19.1063

■ 59.9524, -5.5056,
14.6116

■ 61.2125, -4.5816,
9.4430

■ 62.5280, -3.3861,
3.6180

■ 63.8978, -1.9263,
-2.8418

Harmonies

Analogous

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



53.5601, 20.6508, 29.6214



53.5588, -5.2478, 31.3180



53.5601, -26.3845, 28.7352

Triad

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



53.5601, -5.2500, 31.3184



53.5601, -37.3171, -28.0496



53.5601, 46.5607, -22.1526

Complementary

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



53.5588, -5.2478, 31.3180



24.4517, 23.7087, -74.3454

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.



53.5601, 25.5876, -50.8945



53.5588, -5.2478, 31.3180



53.5601, -22.9070, -55.2512

Square

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



53.5601, -5.2500, 31.3184



53.5601, -42.6609, 0.5713



53.5601, -0.4288, -65.0877



53.5601, 53.5909, 5.1582

Rectangle

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



53.5588, -5.2478, 31.3180



53.5601, -35.8428, 23.7011



53.5601, -0.4288, -65.0877



53.5601, 40.7402, -32.3183

Sweetspot

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



53.5601, -5.2500, 31.3184



80.0893, -7.8182, 22.2681



31.1701, 45.3812, 12.4494



37.1325, -3.7844, 11.3504



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.5601, -5.2500, 31.3184



70.1243, -4.6684, 42.9155



57.0034, -28.4500, 33.1302



29.2457, -2.1293, 4.2198



45.1441, -2.9218, 27.7664



7.4265, -1.0751, 4.5574

Inverse Universe

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



24.4517, 23.7087, -74.3454



26.5251, 46.8516, -133.0996



23.3270, 40.0809, -79.0825



27.3852, -0.7897, -1.3653



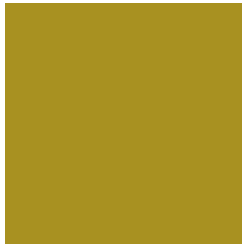
16.8479, 30.7918, -87.5291



3.5690, 2.1354, -9.0706

Previews

White Background



This preview shows how the HunterLab color 53.5588, -5.2478, 31.3180 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 53.5588, -5.2478, 31.3180 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 53.5588, -5.2478, 31.3180 Background



This preview shows how black text looks on a background with the HunterLab color 53.5588, -5.2478, 31.3180.



This preview shows how white text looks on a background with the HunterLab color 53.5588, -5.2478,

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

53.5588, -5.2478, 31.3180

Protanopia

53.4416, -7.1373, 31.2092

Deuteranopia

53.6498, 3.6586, 31.2782



Tritanopia

53.5102, 12.2919, 3.0564

Trichromacy



Original Color

53.5588, -5.2478, 31.3180

Protanomaly

53.5415, -6.7823, 31.2800

Deuteranomaly

53.5127, 0.3795, 31.2191

Tritanomaly

53.2629, 4.0312, 18.0140

Monochromacy



Original Color

53.5588, -5.2478, 31.3180

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.4333, -5.3181, 17.7016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.5588, -5.2478, 31.3180 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(168, 145, 33)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 33)  
}
```

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(168, 145, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 53.5588, -5.2478, 31.3180 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(168, 145, 33) }
```


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

```
.border{ border-color:rgb(168, 145, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 33);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.5588, -5.2478, 31.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 33) }
```

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

```
.background{ background-color: rgb(168,  
145, 33) }
```

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