

Converting Colors

HunterLab(52.8097, -3.4863,
33.9871)

Have a look what the booklet for
HunterLab(52.8097, -3.4863,
33.9871) contains.

HunterLab(53.0251, -2.9593, 32.6220)	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(53.0251, -2.9593,
32.6220)

Conversions

Conversions Part 1

Format	Color
Hex	AC8E00
RGB	172, 142, 0
RGB Percent	67%, 56%, 0%
CMY	0.3255, 0.4431, 1.0000
CMYK	0.00, 0.17, 1.00, 0.33
HSL	50°, 100%, 34%
HSV	50°, 100%, 67%
XYZ	26.6862, 28.1166, 4.0205
YIQ	134.7820, 63.4620, -37.8020

Conversions

Conversions Part 2

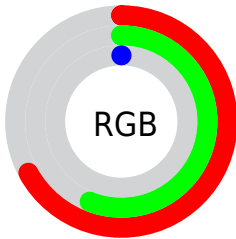
Format	Color
RYB	36, 172, 0
Decimal	11308544
CIELab	60.00, -0.16, 64.42
CIELCh	60, 64.424, 90.140
Yxy	28.1180, 0.4537, 0.4780
Android (android.graphics.Color)	4289498624 (0xFFAC8E00)
YUV	134.7820, -66.4475, 32.6402
Hunter-Lab	53.0251, -2.9593, 32.6220

Details

The HunterLab color **53.0251, -2.9593, 32.6220** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **19.7673, 36.8432, -104.2391**, and the grayscale version is **49.3742, -2.6345, 2.6826**.

A 20% lighter version of the original color is **75.1492, -4.1788, 41.5303**, and **33.6142, -0.9569, 20.6961** is the 20% darker color. If you saturate the color by 10%, you get **53.0258, -2.9608, 32.6224**, and if you desaturate by 10%, it is **53.9109, -4.1452, 32.5542**.

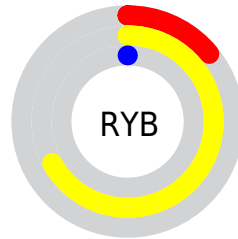
Distribution



Red (67%)

Green (56%)

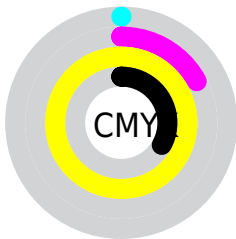
Blue (0%)



Red (14%)

Yellow (67%)

Blue (0%)

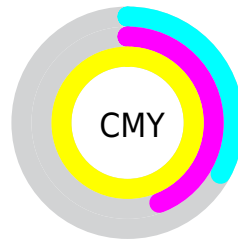


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0251, -2.9593, 32.6220 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 53.0251, -2.9593, 32.6220 by changing the saturation by 10% instead.

■ 53.0251, -2.9593,
32.6220

■ 53.0251, -2.9593,
32.6220

171.1813, -9.3343,
68.4067

■ 42.9123, -2.4126,
27.7769

■ 75.2813, -4.1663,
41.6248

■ 33.5381, -1.9024,
22.9164

■ 87.3458, -4.8181,
45.8362

■ 24.9679, -1.4342,
17.4775

■ 99.9938, -5.5007,
49.8884

■ 17.2854, -1.0123,
12.0998

■ 113.1993, -6.2128,
53.8029

■ 10.6085, -0.6422,
7.4259

■ 126.9399, -6.9532,
57.5979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 141.1955, -7.7208,

61.2885

0.0000, NaN, NaN

155.9480, -8.5148,
64.8878

0.0000, NaN, NaN

53.0251, -2.9593,
32.6220

53.0251, -2.9593,
32.6220

53.0258, -2.9608,
32.6224

53.9109, -4.1452,
32.5542

54.8357, -5.1483,
32.0292

55.8116, -5.9079,
30.8847

56.8421, -6.4033,
29.0730

57.9289, -6.6214,
26.5662

■ 59.0733, -6.5546,
23.3511

■ 60.2759, -6.1999,
19.4256

■ 61.5365, -5.5577,
14.7963

■ 62.8548, -4.6312,
9.4767

Harmonies

Analogous

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



53.0264, 26.2683, 30.6584



53.0251, -2.9593, 32.6220



53.0264, -26.9393, 30.6178

Triad

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



53.0264, -2.9616, 32.6224



53.0264, -41.3717, -29.2419



53.0264, 51.4999, -28.9107

Complementary

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



53.0251, -2.9593, 32.6220



19.7673, 36.8432, -104.2391

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.



53.0264, 26.5389, -61.9810



53.0251, -2.9593, 32.6220



53.0264, -26.7570, -62.2315

Square

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



53.0264, -2.9616, 32.6224



53.0264, -46.1577, 2.7630



53.0264, -2.7026, -76.5041



53.0264, 61.3725, 3.0094

Rectangle

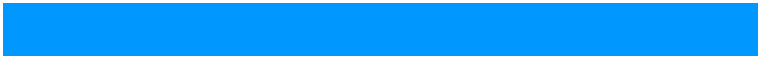
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0251, -2.9593, 32.6220



53.0264, -37.7358, 26.1219



53.0264, -2.7026, -76.5041



53.0264, 44.3741, -40.7460

Sweetspot

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



53.0264, -2.9616, 32.6224



81.0960, -8.3867, 26.4769



29.7870, 51.3507, 16.5980



37.4942, -4.0182, 13.3904



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



53.0264, -2.9616, 32.6224



71.2180, -3.6507, 43.8203



57.7269, -32.4975, 35.0018



30.1479, -2.1828, 4.3527



45.8205, -2.6828, 28.1874



8.0345, -1.0817, 4.9319

Inverse Universe

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



19.7673, 36.8432, -104.2391



26.1983, 51.1684, -143.2035



19.4325, 48.6026, -106.2561



28.2395, -0.8259, -1.4100



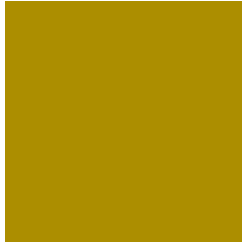
17.2219, 31.1798, -88.8341



3.8542, 2.4065, -10.0124

Previews

White Background



This preview shows how the HunterLab color 53.0251, -2.9593, 32.6220 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 53.0251, -2.9593, 32.6220 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 53.0251, -2.9593, 32.6220 Background



This preview shows how black text looks on a background with the HunterLab color 53.0251, -2.9593, 32.6220.



This preview shows how white text looks on a background with the HunterLab color 53.0251, -2.9593,

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

53.0251, -2.9593, 32.6220

Protanopia

52.9648, -7.5310, 32.2798

Deuteranopia

52.9059, 3.7514, 32.2004



Tritanopia

53.0649, 14.6307, 4.3611

Trichromacy



Original Color

53.0251, -2.9593, 32.6220

Protanomaly

52.9738, -6.0348, 32.4080

Deuteranomaly

52.9799, 1.1928, 32.3776

Tritanomaly

52.6247, 5.5305, 21.6259

Monochromacy



Original Color

53.0251, -2.9593, 32.6220

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

50.1445, -5.9475, 20.3849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0251, -2.9593, 32.6220 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(172, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 142, 0)  
}
```

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(172, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 142, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0251, -2.9593, 32.6220 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(172, 142, 0) }
```


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

```
.border{ border-color:rgb(172, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 142,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0251, -2.9593, 32.6220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 142, 0) }
```

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

```
.background{ background-color: rgb(172,  
142, 0) }
```

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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