

Converting Colors

HunterLab(52.9787, 7.0944,
32.7544)

Have a look what the booklet for
HunterLab(52.9787, 7.0944,
32.7544) contains.

HunterLab(53.0535, 6.9154, 32.8124)	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(53.0535, 6.9154,
32.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8700
RGB	189, 135, 0
RGB Percent	74%, 53%, 0%
CMY	0.2588, 0.4706, 1.0000
CMYK	0.00, 0.29, 1.00, 0.26
HSL	43°, 100%, 37%
HSV	43°, 100%, 74%
XYZ	29.6502, 28.1467, 3.8701
YIQ	135.7560, 75.5190, -30.5370

Conversions

Conversions Part 2

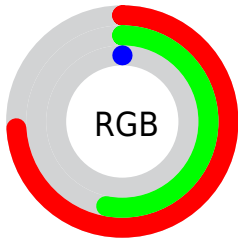
Format	Color
R_{YB}	76, 189, 0
Decimal	12420864
CIE _{Lab}	60.02, 11.42, 65.31
CIE _{LCh}	60, 66.303, 80.078
Yxy	28.1482, 0.4808, 0.4564
Android (android.graphics.Color)	4290610944 (0xFFBD8700)
YUV	135.7560, -66.9277, 46.6950
Hunter-Lab	53.0535, 6.9154, 32.8124

Details

The HunterLab color **53.0535, 6.9154, 32.8124** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **25.1254, 30.6599, -97.5891**, and the grayscale version is **49.7592, -2.6550, 2.7035**.

A 20% lighter version of the original color is **75.3211, 6.8556, 41.9714**, and **33.7660, 7.1676, 20.9319** is the 20% darker color. If you saturate the color by 10%, you get **53.0541, 6.9139, 32.8127**, and if you desaturate by 10%, it is **54.5345, 4.5274, 33.0178**.

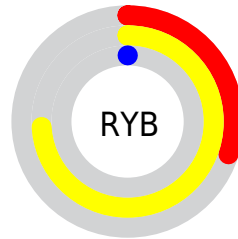
Distribution



Red (74%)

Green (53%)

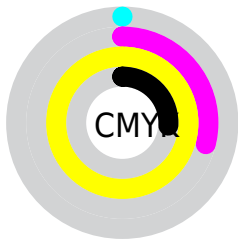
Blue (0%)



Red (30%)

Yellow (74%)

Blue (0%)

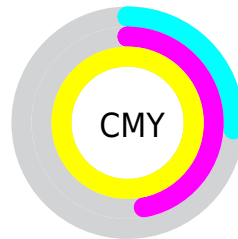


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0535, 6.9154, 32.8124 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 53.0535, 6.9154, 32.8124 by changing the saturation by 10% instead.

■ 53.0535, 6.9154,
32.8124

■ 53.0535, 6.9154,
32.8124

171.2233, 4.9905,
69.0316

■ 42.9388, 6.8368,
27.9105

■ 75.3133, 6.8526,
41.9259

■ 33.5626, 6.6774,
23.0378

■ 87.3794, 6.7310,
46.1896

■ 24.9900, 6.4201,
17.4930

■ 100.0289, 6.5553,
50.2920

■ 17.3050, 6.0447,
12.1135

■ 113.2360, 6.3298,
54.2545

■ 10.6251, 5.5205,
7.4376

■ 126.9780, 6.0578,
58.0954

■ 0.4975, 100.0381,
0.3482

■ 141.2349, 5.7423,

0.0000, NaN, NaN

61.8301

0.0000, NaN, NaN

155.9887, 5.3858,
65.4718

0.0000, NaN, NaN

53.0535, 6.9154,
32.8124

53.0535, 6.9154,
32.8124

53.0541, 6.9139,
32.8127

54.5345, 4.5274,
33.0178

56.0848, 2.3660,
32.6791

57.7151, 0.4941,
31.6348

59.4266, -1.0683,
29.8488

61.2193, -2.3115,
27.3102

■ 63.0917, -3.2327,
24.0251

■ 65.0421, -3.8348,
20.0110

■ 67.0682, -4.1244,
15.2935

■ 69.1673, -4.1110,
9.9028

Harmonies

Analogous

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



53.0548, 36.9805, 29.2855



53.0535, 6.9154, 32.8124



53.0548, -20.3188, 32.1852

Triad

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



53.0548, 6.9126, 32.8129



53.0548, -45.0173, -18.2342



53.0548, 45.9093, -42.4672

Complementary

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



53.0535, 6.9154, 32.8124



25.1254, 30.6599, -97.5891

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.



53.0548, 17.2574, -72.7966



53.0535, 6.9154, 32.8124



53.0548, -33.5418, -54.4385

Square

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



53.0548, 6.9126, 32.8129



53.0548, -46.6410, 11.0856



53.0548, -11.9236, -78.0607



53.0548, 62.4285, -6.8709

Rectangle

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



53.0535, 6.9154, 32.8124



53.0548, -33.6285, 29.2511



53.0548, -11.9236, -78.0607



53.0548, 37.1268, -54.2624

Sweetspot

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



53.0548, 6.9126, 32.8129



86.9162, -5.1027, 27.0631



33.3338, 57.9610, 14.7379



39.7905, -2.2287, 13.6454



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



53.0548, 6.9126, 32.8129



70.6982, 9.8141, 43.7357



65.5694, -30.3621, 39.8718



32.6302, -1.9304, 4.4888



43.6739, 5.3850, 27.0059



9.2386, 0.0098, 5.6930

Inverse Universe

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



25.1254, 30.6599, -97.5891



33.0954, 42.6031, -133.3341



20.2058, 52.7831, -127.8940



31.0764, -1.3528, -1.2358



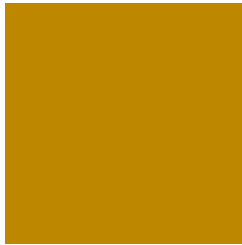
20.8848, 24.3482, -78.6649



5.3536, 1.8664, -10.7206

Previews

White Background



This preview shows how the HunterLab color 53.0535, 6.9154, 32.8124 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 53.0535, 6.9154, 32.8124 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 53.0535, 6.9154, 32.8124 Background



This preview shows how black text looks on a background with the HunterLab color 53.0535, 6.9154, 32.8124.



This preview shows how white text looks on a background with the HunterLab color 53.0535, 6.9154,

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

53.0535, 6.9154, 32.8124

Protanopia

53.0730, -7.1286, 32.2249

Deuteranopia

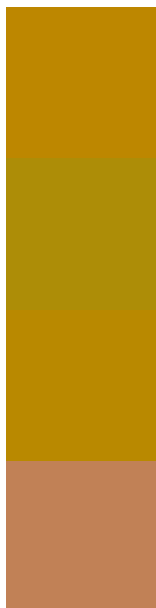
53.1453, 3.1118, 32.8024



Tritanopia

52.9326, 22.7397, 7.3403

Trichromacy



Original Color

53.0535, 6.9154, 32.8124

Protanomaly

52.8671, -2.0410, 32.3153

Deuteranomaly

53.1090, 4.3716, 32.8020

Tritanomaly

52.6402, 14.7702, 22.7789

Monochromacy



Original Color

53.0535, 6.9154, 32.8124

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.2643, -2.5838, 20.2915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0535, 6.9154, 32.8124 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(189, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 135, 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(189, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 135, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0535, 6.9154, 32.8124 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(189, 135, 0) }
```


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

```
.border{ border-color:rgb(189, 135, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 135,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0535, 6.9154, 32.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 135, 0) }
```

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

```
.background{ background-color: rgb(189,  
135, 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](#).

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