

Converting Colors

HunterLab(53.9755, 0.1493,
37.7828)

Have a look what the booklet for
HunterLab(53.9755, 0.1493,
37.7828) contains.

HunterLab(54.3474, 1.5862, 33.5164)	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(54.3474, 1.5862,
33.5164)**

Conversions

Conversions Part 1

Format	Color
Hex	B88E00
RGB	184, 142, 0
RGB Percent	72%, 56%, 0%
CMY	0.2784, 0.4431, 1.0000
CMYK	0.00, 0.23, 1.00, 0.28
HSL	46°, 100%, 36%
HSV	46°, 100%, 72%
XYZ	29.4402, 29.5364, 4.1494
YIQ	138.3700, 70.6140, -35.2580

Conversions

Conversions Part 2

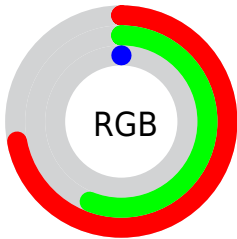
Format	Color
RYB	54, 184, 0
Decimal	12094976
CIELab	61.25, 5.32, 65.89
CIELCh	61, 66.103, 85.388
Yxy	29.5379, 0.4664, 0.4679
Android (android.graphics.Color)	4290285056 (0xFFB88E00)
YUV	138.3700, -68.2164, 40.0175
Hunter-Lab	54.3474, 1.5862, 33.5164

Details

The HunterLab color $54.3474, 1.5862, 33.5164$ is a dark color, and the websafe version is hex $CC9900$. A complement of this color would be $22.6208, 35.2195, -104.3010$, and the grayscale version is $50.8054, -2.7108, 2.7604$.

A 20% lighter version of the original color is $76.6278, 0.9172, 42.6213$, and $34.7706, 2.9697, 21.4774$ is the 20% darker color. If you saturate the color by 10%, you get $54.3481, 1.5847, 33.5168$, and if you desaturate by 10%, it is $55.5485, -0.1966, 33.5955$.

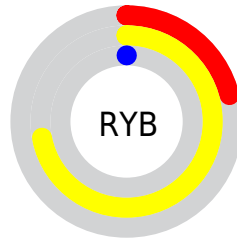
Distribution



Red (72%)

Green (56%)

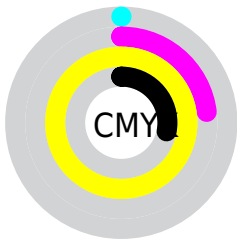
Blue (0%)



Red (21%)

Yellow (72%)

Blue (0%)

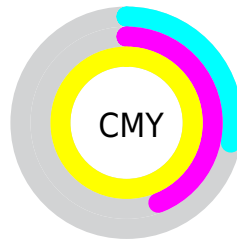


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.3474, 1.5862, 33.5164 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 54.3474, 1.5862, 33.5164 by changing the saturation by 10% instead.

■ 54.3474, 1.5862,
33.5164

■ 54.3474, 1.5862,
33.5164

173.1313, -2.7020,
69.8651

■ 44.1453, 1.8381,
28.6078

■ 76.7662, 0.9172,
42.6500

■ 34.6749, 2.0317,
23.6463

■ 88.9057, 0.5143,
46.9266

■ 25.9994, 2.1556,
18.1996

■ 101.6252, 0.0694,
51.0433

■ 18.1996, 2.1968,
12.7397

■ 114.8992, -0.4147,
55.0212

■ 11.3879, 2.1349,
7.9715

■ 128.7057, -0.9357,
58.8782

■ 3.7251, 6.0188,
2.6075

■ 143.0247, -1.4917,

0.0000, NaN, NaN

62.6296

0.0000, NaN, NaN

157.8386, -2.0810,
66.2882

0.0000, NaN, NaN

54.3474, 1.5862,
33.5164

54.3474, 1.5862,
33.5164

54.3481, 1.5847,
33.5168

55.5485, -0.1966,
33.5955

56.8020, -1.7694,
33.1595

58.1200, -3.0703,
32.0453

59.5049, -4.0786,
30.2084

60.9580, -4.7822,
27.6279

■ 62.4796, -5.1758,
24.2988

■ 64.0691, -5.2590,
20.2285

■ 65.7255, -5.0350,
15.4326

■ 67.4476, -4.5104,
9.9335

Harmonies

Analogous

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



54.3487, 31.9383, 30.7813



54.3474, 1.5862, 33.5164



54.3487, -24.4996, 32.1542

Triad

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



54.3487, 1.5836, 33.5168



54.3487, -44.1476, -24.5417



54.3487, 50.0777, -35.8639

Complementary

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



54.3474, 1.5862, 33.5164



22.6208, 35.2195, -104.3010

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.



54.3487, 22.7016, -68.5558



54.3474, 1.5862, 33.5164



54.3487, -30.7096, -59.9850

Square

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



54.3487, 1.5836, 33.5168



54.3487, -47.5221, 6.9934



54.3487, -7.2483, -79.1142



54.3487, 63.3776, -1.4119

Rectangle

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



54.3474, 1.5862, 33.5164



54.3487, -36.7303, 28.3437



54.3487, -7.2483, -79.1142



54.3487, 41.9733, -48.0007

Sweetspot

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



54.3487, 1.5836, 33.5168



86.1516, -7.0850, 27.5376



32.1939, 55.6717, 16.6137



39.5807, -3.2873, 13.8964



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



54.3487, 1.5836, 33.5168



72.9154, 2.5856, 44.9754



62.7904, -32.7816, 38.1169



31.8533, -2.1053, 4.5012



45.2408, 1.1027, 27.8965



8.9890, -0.6296, 5.5280

Inverse Universe

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



22.6208, 35.2195, -104.3010



29.9639, 49.0500, -143.3372



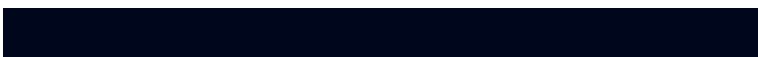
20.2872, 51.7974, -119.1204



30.0720, -1.0857, -1.3615



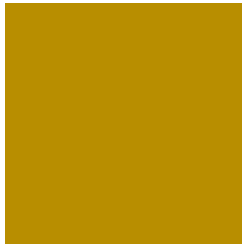
19.0183, 28.4630, -85.2147



4.7229, 2.3056, -10.8803

Previews

White Background



This preview shows how the HunterLab color 54.3474, 1.5862, 33.5164 looks on a white background.

Color Contrast Check

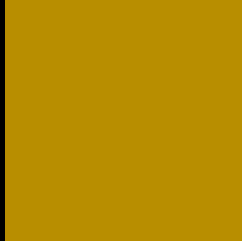
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.3474, 1.5862, 33.5164 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 54.3474, 1.5862, 33.5164 Background



This preview shows how black text looks on a background with the HunterLab color 54.3474, 1.5862, 33.5164.



This preview shows how white text looks on a background with the HunterLab color 54.3474, 1.5862,

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

54.3474, 1.5862, 33.5164

Protanopia

54.5253, -7.9029, 33.1789

Deuteranopia

54.1670, 3.8079, 33.1613



Tritanopia

54.3433, 18.6135, 5.8912

Trichromacy



Original Color

54.3474, 1.5862, 33.5164

Protanomaly

54.2726, -4.3818, 33.1776

Deuteranomaly

54.3157, 2.9048, 33.3319

Tritanomaly

53.8868, 9.6730, 22.7314

Monochromacy



Original Color

54.3474, 1.5862, 33.5164

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.1257, -3.8902, 20.7285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.3474, 1.5862, 33.5164 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(184, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 54.3474, 1.5862, 33.5164 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(184, 142, 0) }
```


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

```
.border{ border-color:rgb(184, 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(184, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.3474, 1.5862, 33.5164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 0) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

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