

Converting Colors

HunterLab(31.9436, -9.2559,
6.8798)

Have a look what the booklet for
HunterLab(31.9436, -9.2559, 6.8798)
contains.

HunterLab(32.0043, -9.2845, 6.8914)	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(32.0043, -9.2845,
6.8914)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5F4C
RGB	76, 95, 76
RGB Percent	30%, 37%, 30%
CMY	0.7020, 0.6274, 0.7020
CMYK	0.20, 0.00, 0.20, 0.63
HSL	120°, 11%, 34%
HSV	120°, 20%, 37%
XYZ	8.3772, 10.2428, 8.3731
YIQ	87.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

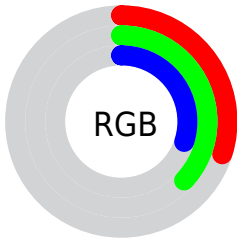
Format	Color
R_{YB}	76, 95, 95
Decimal	5005132
CIE _{Lab}	38.28, -11.43, 8.53
CIE _{LCh}	38, 14.260, 143.271
Yxy	10.2432, 0.3103, 0.3795
Android (android.graphics.Color)	4283195212 (0xFF4C5F4C)
YUV	87.1530, -5.4984, -9.7812
Hunter-Lab	32.0043, -9.2845, 6.8914

Details

The HunterLab color $[32.0043, -9.2845, 6.8914]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[29.0315, 6.8045, -4.1033]$, and the grayscale version is $[30.9496, -1.6514, 1.6815]$.

A 20% lighter version of the original color is $[51.3794, -11.9608, 9.0611]$, and $[16.1004, -6.8437, 4.7690]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.2407, -12.5541, 9.1010]$, and if you desaturate by 10%, it is $[32.8687, -5.6894, 4.4622]$.

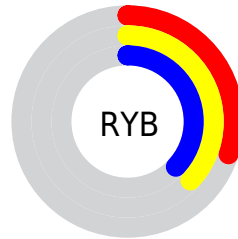
Distribution



Red (30%)

Green (37%)

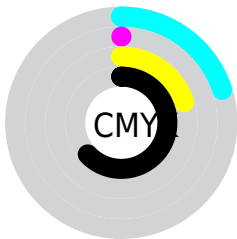
Blue (30%)



Red (30%)

Yellow (37%)

Blue (37%)

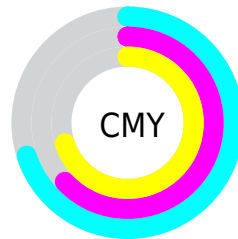


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.0043, -9.2845, 6.8914 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 32.0043, -9.2845, 6.8914 by changing the saturation by 10% instead.

■ 32.0043, -9.2845,
6.8914

■ 32.0043, -9.2845,
6.8914

138.7080,
-20.1466, 16.4480

■ 23.5807, -8.0254,
5.8368

■ 51.2366, -11.7179,
8.9668

■ 16.0615, -6.7054,
4.7466

■ 61.9247, -12.9153,
10.0046

■ 9.5733, -5.7197,
4.2160

■ 73.2674, -14.1095,
11.0492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 85.2287, -15.3048,
12.1034

0.0000, NaN, NaN

■ 97.7782, -16.5041,
13.1693

0.0000, NaN, NaN

110.8896,

0.0000, NaN, NaN

-17.7098, 14.2480

0.0000, NaN, NaN

124.5397,
-18.9236, 15.3407

■ 32.0043, -9.2845,
6.8914

■ 32.0043, -9.2845,
6.8914

■ 31.2407, -12.5541,
9.1010

■ 32.8687, -5.6894,
4.4622

■ 30.5780, -15.4605,
11.0655

■ 33.8290, -1.8055,
1.8383

■ 30.0174, -17.9741,
12.7647

■ 34.8822, 2.3276,
-0.9533

■ 29.5582, -20.0730,
14.1838

■ 36.0240, 6.6723,
-3.8872

■ 29.1977, -21.7468,
15.3156

■ 37.2499, 11.1937,
-6.9397

■ 28.9315, -22.9987,
16.1621

■ 38.5552, 15.8604,
-10.0897

■ 28.7523, -23.8487,
16.7369

■ 39.9353, 20.6449,
-13.3184

■ 28.6092, -24.5323,
17.1992

■ 41.3854, 25.5238,
-16.6099

■ 42.9013, 30.4770,
-19.9508

Harmonies

Analogous

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



32.0050, -5.5386, 9.2613



32.0043, -9.2845, 6.8914



32.0050, -10.9856, 2.8293

Triad

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



32.0050, -9.2852, 6.8918



32.0050, -2.8647, -9.1297



32.0050, 7.9326, 5.2537

Complementary

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



32.0043, -9.2845, 6.8914



29.0315, 6.8045, -4.1033

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.



32.0050, 8.7607, 0.6154



32.0043, -9.2845, 6.8914



32.0050, 2.3087, -8.2065

Square

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



32.0050, -9.2852, 6.8918



32.0050, -7.4338, -6.7905



32.0050, 6.6439, -4.4371



32.0050, 4.4479, 8.4256

Rectangle

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



32.0043, -9.2845, 6.8914



32.0050, -10.8117, -0.5029



32.0050, 6.6439, -4.4371



32.0050, 8.5396, 3.8354

Sweetspot

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



32.0050, -9.2852, 6.8918



43.4802, -5.5440, 4.5548



33.3761, -4.3038, 8.3444



21.2623, -2.8021, 2.2892



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



32.0050, -9.2852, 6.8918



41.3965, -14.2225, 10.4189



32.2261, -8.0257, 3.7123



16.9014, -2.7042, 2.1440



34.1065, -29.2463, 20.5041



78.8313, -67.5978, 47.3919

Inverse Universe

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



29.0315, 6.8045, -4.1033



36.6262, 11.6241, -7.2437



28.7505, 5.3390, -0.1303



16.2129, 1.0138, -0.3968



21.5224, 42.3136, -28.3854



49.7453, 97.8005, -65.6076

Previews

White Background



This preview shows how the HunterLab color 32.0043, -9.2845, 6.8914 looks on a white 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

Black Background



This preview shows how the HunterLab color 32.0043, -9.2845, 6.8914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

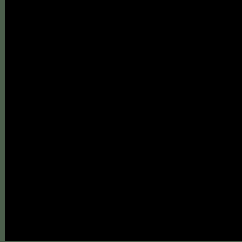
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 32.0043, -9.2845, 6.8914 Background



This preview shows how black text looks on a background with the HunterLab color 32.0043, -9.2845, 6.8914.



This preview shows how white text looks on a background with the HunterLab color 32.0043, -9.2845,

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

32.0043, -9.2845, 6.8914

Protanopia

31.9785, -2.4988, 7.9745

Deuteranopia

32.0156, 1.8278, 6.4118



Tritanopia

32.0322, -3.7441, -2.1768

Trichromacy



Original Color

32.0043, -9.2845, 6.8914

Protanomaly

31.9741, -5.2213, 7.5976

Deuteranomaly

31.8988, -2.6069, 6.5600

Tritanomaly

32.0098, -5.6782, 1.2923

Monochromacy



Original Color

32.0043, -9.2845, 6.8914

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.2664, -4.5638, 3.6678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.0043, -9.2845, 6.8914 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(76, 95, 76)` looks like.

```
.text, #text, p{  
    color:rgb(76, 95, 76)  
}
```

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(76, 95, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 95, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 32.0043, -9.2845, 6.8914 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(76, 95, 76) }
```


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

```
.border{ border-color:rgb(76, 95, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 95, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 95, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 95, 76);  
box-shadow:4px 4px 4px 4px rgb(76, 95, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.0043, -9.2845, 6.8914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 95, 76) }
```

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

```
.background{ background-color: rgb(76, 95,  
76) }
```

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