

Converting Colors

HunterLab(33.8564, -9.4627,
16.4009)

Have a look what the booklet for
HunterLab(33.8564, -9.4627,
16.4009) contains.

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Color

**HunterLab(33.8235, -9.3214,
16.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	5D632D
RGB	93, 99, 45
RGB Percent	36%, 39%, 18%
CMY	0.6353, 0.6118, 0.8235
CMYK	0.06, 0.00, 0.55, 0.61
HSL	67°, 38%, 28%
HSV	67°, 55%, 39%
XYZ	9.4497, 11.4403, 4.1927
YIQ	91.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

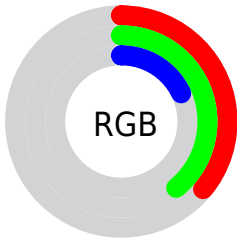
Format	Color
R_{YB}	45, 99, 51
Decimal	6120237
CIE Lab	40.31, -11.10, 29.55
CIE LCh	40, 31.568, 110.580
Yxy	11.4408, 0.3767, 0.4561
Android (android.graphics.Color)	4284310317 (0xFF5D632D)
YUV	91.0500, -22.7026, 1.7102
Hunter-Lab	33.8235, -9.3214, 16.3269

Details

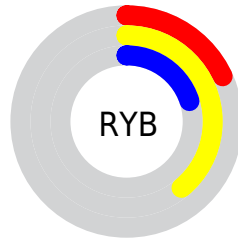
The HunterLab color **33.8235, -9.3214, 16.3269** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18.6593, 10.9316, -25.8215**, and the grayscale version is **32.4412, -1.7310, 1.7626**.

A 20% lighter version of the original color is **53.5002, -11.6853, 21.2854**, and **17.6184, -6.9698, 10.7344** is the 20% darker color. If you saturate the color by 10%, you get **33.6397, -10.2083, 17.7335**, and if you desaturate by 10%, it is **34.0354, -8.2928, 14.5524**.

Distribution



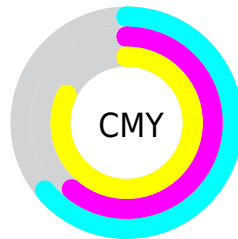
- Red (36%)
- Green (39%)
- Blue (18%)



- Red (18%)
- Yellow (39%)
- Blue (20%)



- Cyan (6%)
- Magenta (0%)
- Yellow (55%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8235, -9.3214, 16.3269 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 33.8235, -9.3214, 16.3269 by changing the saturation by 10% instead.

33.8235, -9.3214,
16.3269

33.8235, -9.3214,
16.3269

141.6571,
-20.0300, 36.2329

25.2273, -8.0953,
13.5890

53.3596, -11.7061,
21.2930

17.5150, -6.8179,
10.9661

64.1843, -12.8840,
23.6018

10.8037, -5.4525,
7.5626

75.6557, -14.0607,
25.8293

1.8621, -3.2587,
1.3035

87.7392, -15.2401,
27.9931

0.0000, NaN, NaN

0.0000, NaN, NaN

100.4053,
-16.4250, 30.1063

0.0000, NaN, NaN

113.6282,

0.0000, NaN, NaN

-17.6174, 32.1790

0.0000, NaN, NaN

127.3855,
-18.8186, 34.2191

■ 33.8235, -9.3214,
16.3269

■ 33.8235, -9.3214,
16.3269

■ 33.6397, -10.2083,
17.7335

■ 34.0354, -8.2928,
14.5524

■ 33.4801, -10.9567,
18.7896

■ 34.2742, -7.1150,
12.3959

■ 33.3438, -11.5764,
19.5199

■ 34.5417, -5.7867,
9.8488

■ 33.2265, -12.0904,
19.9857

■ 34.8386, -4.3068,
6.9063

■ 33.1644, -12.3618,
20.2193

■ 35.1655, -2.6757,
3.5675

■ 35.5227, -0.8953,
-0.1656

■ 35.9105, 1.0317,
-4.2877

■ 36.3289, 3.1015,
-8.7910

■ 36.7780, 5.3095,
-13.6655

Harmonies

Analogous

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



33.8243, 1.9367, 16.8338



33.8235, -9.3214, 16.3269



33.8243, -17.4233, 12.7658

Triad

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



33.8243, -9.3224, 16.3272



33.8243, -14.8824, -19.0908



33.8243, 23.2362, -1.8338

Complementary

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



33.8235, -9.3214, 16.3269



18.6593, 10.9316, -25.8215

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.



33.8243, 17.2855, -14.6682



33.8235, -9.3214, 16.3269



33.8243, -5.3939, -26.6303

Square

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



33.8243, -9.3224, 16.3272



33.8243, -20.3190, -6.5337



33.8243, 6.4288, -24.7835



33.8243, 21.8100, 8.5048

Rectangle

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



33.8235, -9.3214, 16.3269



33.8243, -20.4384, 8.1849



33.8243, 6.4288, -24.7835



33.8243, 22.0051, -6.0338

Sweetspot

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



33.8243, -9.3224, 16.3272



45.5514, -6.0264, 9.8219



22.7111, 13.5231, 7.7497



22.1823, -3.0663, 5.0454



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.8243, -9.3224, 16.3272



44.0074, -13.6119, 23.5849



32.0826, -15.9558, 14.9016



17.1931, -1.6676, 2.4814



37.8502, -14.1654, 23.0751



87.3487, -33.2558, 53.2417

Inverse Universe

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



18.6593, 10.9316, -25.8215



20.4290, 19.2977, -45.8443



20.9101, 17.0493, -20.2897



15.8993, -0.0510, -0.8140



11.2068, 29.6702, -73.9841



25.4984, 68.2693, -174.2390

Previews

White Background



This preview shows how the HunterLab color 33.8235, -9.3214, 16.3269 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 33.8235, -9.3214, 16.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

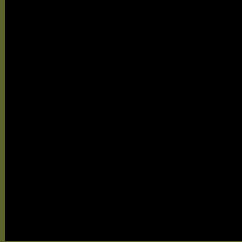
Any Text WCAG AA × Fail

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 33.8235, -9.3214, 16.3269 Background



This preview shows how black text looks on a background with the HunterLab color 33.8235, -9.3214, 16.3269.



This preview shows how white text looks on a background with the HunterLab color 33.8235, -9.3214,

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

33.8235, -9.3214, 16.3269

Protanopia

33.7187, -4.0977, 16.5156

Deuteranopia

33.6147, 2.2699, 16.0095



Tritanopia

33.7660, 0.9637, -0.3469

Trichromacy



Original Color

33.8235, -9.3214, 16.3269

Protanomaly

33.6367, -5.7743, 16.4255

Deuteranomaly

33.4875, -2.1449, 16.0209

Tritanomaly

33.6229, -3.2564, 7.2782

Monochromacy



Original Color

33.8235, -9.3214, 16.3269

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.8255, -4.9565, 8.4384

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8235, -9.3214, 16.3269 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(93, 99, 45)` looks like.

```
.text, #text, p{  
    color:rgb(93, 99, 45)  
}
```

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(93, 99, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 99, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8235, -9.3214, 16.3269 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(93, 99, 45) }
```


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

```
.border{ border-color:rgb(93, 99, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 99, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 99, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 99, 45);  
box-shadow:4px 4px 4px 4px rgb(93, 99, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8235, -9.3214, 16.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 99, 45) }
```

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

```
.background{ background-color: rgb(93, 99,  
45) }
```

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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