

Converting Colors

HunterLab(33.7260, -15.9037,
12.0328)

Have a look what the booklet for
HunterLab(33.7260, -15.9037,
12.0328) contains.

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Color

**HunterLab(33.8587,
-16.0732, 12.0885)**

Conversions

Conversions Part 1

Format	Color
Hex	436840
RGB	67, 104, 64
RGB Percent	26%, 41%, 25%
CMY	0.7373, 0.5921, 0.7490
CMYK	0.36, 0.00, 0.38, 0.59
HSL	116°, 24%, 33%
HSV	116°, 38%, 41%
XYZ	8.1905, 11.4641, 6.6316
YIQ	88.3770, -9.2120, -20.2840

Conversions

Conversions Part 2

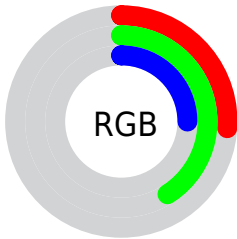
Format	Color
RYB	64, 104, 101
Decimal	4417600
CIELab	40.35, -22.05, 18.47
CIElCh	40, 28.760, 140.047
Yxy	11.4646, 0.3116, 0.4361
Android (android.graphics.Color)	4282607680 (0xFF436840)
YUV	88.3770, -12.0179, -18.7476
Hunter-Lab	33.8587, -16.0732, 12.0885

Details

The HunterLab color $[33.8587, -16.0732, 12.0885]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[27.2641, 15.7906, -11.4057]$, and the grayscale version is $[31.4234, -1.6767, 1.7073]$.

A 20% lighter version of the original color is $[53.2864, -19.6152, 15.4351]$, and $[17.6790, -11.9779, 8.4645]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2337, -18.8634, 14.0092]$, and if you desaturate by 10%, it is $[34.5876, -12.8928, 9.8595]$.

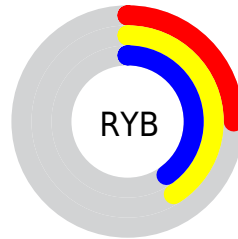
Distribution



 Red (26%)

 Green (41%)

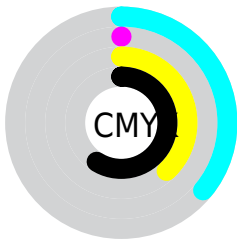
 Blue (25%)




 Red (25%)

 Yellow (41%)

 Blue (40%)

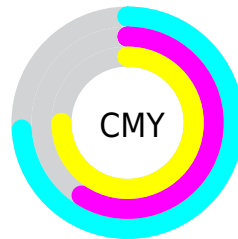


 Cyan (36%)


 Magenta (0%)

 Yellow (38%)

 Black (59%)



 Cyan (74%)

 Magenta (59%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8587, -16.0732, 12.0885 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 33.8587, -16.0732, 12.0885 by changing the saturation by 10% instead.

■ 33.8587, -16.0732,
12.0885

■ 33.8587, -16.0732,
12.0885

141.7137,
-31.9065, 26.3675

■ 25.2591, -14.0278,
10.2687

■ 53.4005, -19.8673,
15.4757

■ 17.5432, -11.8156,
8.3062

■ 64.2278, -21.6695,
17.0915

■ 10.8278, -9.8636,
7.5794

■ 75.7017, -23.4305,
18.6751

■ 1.9746, -3.4556,
1.3823

■ 87.7875, -25.1609,
20.2359

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4558,
-26.8684, 21.7810

0.0000, NaN, NaN

■ 113.6808,

0.0000, NaN, NaN

-28.5589, 23.3154

0.0000, NaN, NaN

127.4402,
-30.2371, 24.8432

■ 33.8587, -16.0732,
12.0885

■ 33.8587, -16.0732,
12.0885

■ 33.2337, -18.8634,
14.0092

■ 34.5876, -12.8928,
9.8595

■ 32.7102, -21.2379,
15.6063

■ 35.4172, -9.3511,
7.3419

■ 32.2870, -23.1831,
16.8739

■ 36.3460, -5.4840,
4.5608

■ 31.9607, -24.6973,
17.8157

■ 37.3711, -1.3290,
1.5431

■ 31.7255, -25.7926,
18.4475

■ 38.4888, 3.0765,
-1.6834

■ 31.5666, -26.5412,
18.9002

■ 39.6951, 7.6961,
-5.0915

■ 31.5459, -26.6406,
18.9720

■ 40.9856, 12.4963,
-8.6556

■ 42.3557, 17.4468,
-12.3522

■ 43.8011, 22.5206,
-16.1603

Harmonies

Analogous

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



33.8594, -8.5232, 15.4774



33.8587, -16.0732, 12.0885



33.8594, -19.6540, 5.0294

Triad

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



33.8594, -16.0738, 12.0888



33.8594, -5.2637, -23.3919



33.8594, 19.5719, 7.8446

Complementary

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



33.8587, -16.0732, 12.0885



27.2641, 15.7906, -11.4057

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.



33.8594, 20.7249, -1.6866



33.8587, -16.0732, 12.0885



33.8594, 5.4740, -21.9327

Square

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



33.8594, -16.0738, 12.0888



33.8594, -13.9410, -16.6688



33.8594, 15.2964, -13.1416



33.8594, 12.3167, 13.6020

Rectangle

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



33.8587, -16.0732, 12.0885



33.8594, -19.6495, -1.7212



33.8594, 15.2964, -13.1416



33.8594, 20.7176, 5.0575

Sweetspot

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



33.8594, -16.0738, 12.0888



47.6485, -9.2970, 7.5078



35.4353, -5.3100, 13.6260



23.4827, -4.8113, 3.8662



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.8594, -16.0738, 12.0888



44.1081, -24.5816, 18.2804



34.0298, -14.7680, 7.2607



17.7526, -2.7678, 2.2925



35.0144, -29.6173, 21.0572



79.8645, -68.0648, 48.0205

Inverse Universe

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



27.2641, 15.7906, -11.4057



33.6164, 26.3743, -19.3492



27.0254, 13.9771, -3.0419



16.9680, 0.9891, -0.4709



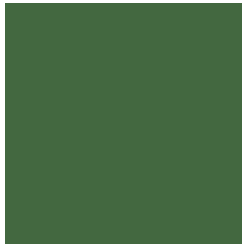
20.7489, 41.4708, -32.6212



47.2088, 94.4576, -75.0059

Previews

White Background



This preview shows how the HunterLab color 33.8587, -16.0732, 12.0885 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 33.8587, -16.0732, 12.0885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

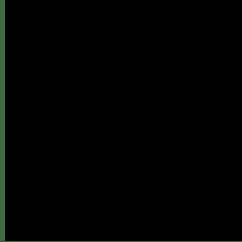
Any Text WCAG AA × Fail

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 33.8587, -16.0732, 12.0885 Background



This preview shows how black text looks on a background with the HunterLab color 33.8587, -16.0732, 12.0885.



This preview shows how white text looks on a background with the HunterLab color 33.8587,

-16.0732, 12.0885.

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

33.8587, -16.0732, 12.0885

Protanopia

33.7553, -3.5402, 13.2291

Deuteranopia

33.7611, 2.0600, 11.5139



Tritanopia

33.8837, -6.5251, -3.5749

Trichromacy



Original Color

33.8587, -16.0732, 12.0885

Protanomaly

33.5350, -8.5112, 12.7096

Deuteranomaly

33.5349, -5.5105, 11.4548

Tritanomaly

33.8237, -10.5631, 3.3075

Monochromacy



Original Color

33.8587, -16.0732, 12.0885

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.0553, -7.5268, 5.9386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8587, -16.0732, 12.0885 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(67, 104, 64)` looks like.

```
.text, #text, p{  
    color:rgb(67, 104, 64)  
}
```

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(67, 104, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 104, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8587, -16.0732, 12.0885 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(67, 104, 64) }
```


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

```
.border{ border-color:rgb(67, 104, 64) }
```

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

Here you see how a box with a 4 pixel rgb(67, 104, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 104, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 104, 64);  
box-shadow:4px 4px 4px 4px rgb(67, 104,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.8587, -16.0732, 12.0885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 104, 64) }
```

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

```
.background{ background-color: rgb(67, 104,  
64) }
```

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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