

Converting Colors

HunterLab(33.6327, -16.3073,
18.7160)

Have a look what the booklet for
HunterLab(33.6327, -16.3073,
18.7160) contains.

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Color

**HunterLab(33.6327,
-16.3073, 18.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	4C671A
RGB	76, 103, 26
RGB Percent	30%, 40%, 10%
CMY	0.7020, 0.5961, 0.8980
CMYK	0.26, 0.00, 0.75, 0.60
HSL	81°, 60%, 25%
HSV	81°, 75%, 40%
XYZ	8.0172, 11.3116, 2.7381
YIQ	86.1490, 8.6250, -29.6710

Conversions

Conversions Part 2

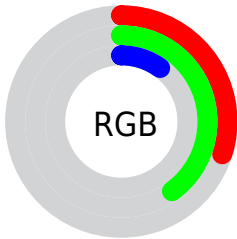
Format	Color
R_{YB}	26, 103, 53
Decimal	5007130
CIE Lab	40.10, -22.53, 38.13
CIE LCh	40, 44.290, 120.582
Yxy	11.3121, 0.3633, 0.5126
Android (android.graphics.Color)	4283197210 (0xFF4C671A)
YUV	86.1490, -29.6535, -8.9007
Hunter-Lab	33.6327, -16.3073, 18.7160

Details

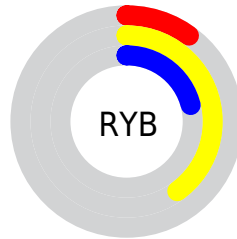
The HunterLab color $33.6327, -16.3073, 18.7160$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $15.7330, 21.0974, -38.2960$, and the grayscale version is $30.6636, -1.6361, 1.6660$.

A 20% lighter version of the original color is $53.0389, -20.1982, 24.8876$, and $17.5363, -11.4193, 10.6059$ is the 20% darker color. If you saturate the color by 10%, you get $33.3619, -17.4887, 19.4007$, and if you desaturate by 10%, it is $33.9395, -14.9567, 17.6932$.

Distribution



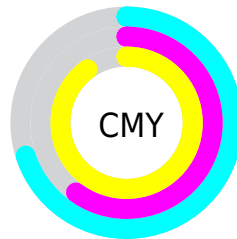
- Red (30%)
- Green (40%)
- Blue (10%)



- Red (10%)
- Yellow (40%)
- Blue (21%)



- Cyan (26%)
- Magenta (0%)
- Yellow (75%)
- Black (60%)



- Cyan (70%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6327, -16.3073, 18.7160 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 33.6327, -16.3073, 18.7160 by changing the saturation by 10% instead.

■ 33.6327, -16.3073,
18.7160

■ 33.6327, -16.3073,
18.7160

141.3493,
-32.3824, 43.1757

■ 25.0543, -14.2210,
15.2599

■ 53.1374, -20.1702,
24.9497

■ 17.3618, -11.9602,
12.1533

■ 63.9480, -22.0021,
27.8204

■ 10.6734, -10.1027,
7.4714

■ 75.4061, -23.7907,
30.5711

■ 1.0585, -1.8524,
0.7410

■ 87.4769, -25.5468,
33.2250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.1309,
-27.2785, 35.7999

0.0000, NaN, NaN

■ 113.3423,

0.0000, NaN, NaN

-28.9921, 38.3097

0.0000, NaN, NaN

127.0884,
-30.6921, 40.7653

33.6327, -16.3073,
18.7160

33.6327, -16.3073,
18.7160

33.3619, -17.4887,
19.4007

33.9395, -14.9567,
17.6932

33.1208, -18.5196,
19.8069

34.2816, -13.4292,
16.3101

33.0001, -19.0371,
20.0013

34.6609, -11.7233,
14.5528

35.0784, -9.8398,
12.4132

35.5343, -7.7813,
9.8885

■ 36.0289, -5.5524,
6.9803

■ 36.5623, -3.1589,
3.6940

■ 37.1341, -0.6081,
0.0382

■ 37.7439, 2.0921,
-3.9758

Harmonies

Analogous

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



33.6334, -2.1143, 20.0838



33.6327, -16.3073, 18.7160



33.6334, -24.9821, 13.4329

Triad

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



33.6334, -16.3081, 18.7162



33.6334, -15.8529, -35.8898



33.6334, 35.6488, 2.1323

Complementary

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



33.6327, -16.3073, 18.7160



15.7330, 21.0974, -38.2960

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.



33.6334, 30.1039, -16.3611



33.6327, -16.3073, 18.7160



33.6334, -1.4773, -43.7341

Square

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



33.6334, -16.3081, 18.7162



33.6334, -24.7567, -17.1537



33.6334, 15.6884, -35.2990



33.6334, 29.6764, 13.7449

Rectangle

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



33.6327, -16.3073, 18.7160



33.6334, -27.4755, 6.3548



33.6334, 15.6884, -35.2990



33.6334, 35.0607, -3.4247

Sweetspot

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



33.6334, -16.3081, 18.7162



47.6839, -9.8017, 12.4534



23.4525, 12.6260, 12.2013



23.4928, -5.1126, 6.4972



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.



33.6334, -16.3081, 18.7162



44.3859, -24.4940, 26.3894



31.9049, -23.2725, 17.4358



17.9509, -2.0617, 2.5221



36.9874, -21.4600, 22.4157



84.1731, -50.2013, 50.9882

Inverse Universe

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



15.7330, 21.0974, -38.2960



17.0305, 34.9160, -68.8872



19.9135, 29.4837, -25.4210



16.7512, 0.2547, -0.7589



12.9924, 31.7325, -65.1123



28.9050, 71.7309, -153.6473

Previews

White Background



This preview shows how the HunterLab color 33.6327, -16.3073, 18.7160 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 33.6327, -16.3073, 18.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

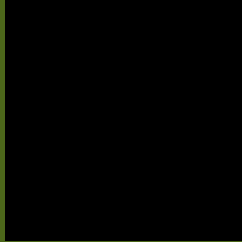
Any Text WCAG AA × Fail

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 33.6327, -16.3073, 18.7160 Background



This preview shows how black text looks on a background with the HunterLab color 33.6327, -16.3073, 18.7160.



This preview shows how white text looks on a background with the HunterLab color 33.6327,

-16.3073, 18.7160.

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

33.6327, -16.3073, 18.7160

Protanopia

33.6371, -4.7322, 19.1210

Deuteranopia

33.5681, 1.8126, 18.3026



Tritanopia

33.6103, -3.4369, -2.4528

Trichromacy



Original Color

33.6327, -16.3073, 18.7160

Protanomaly

33.5238, -9.3479, 18.8670

Deuteranomaly

33.4092, -5.4646, 18.3111

Tritanomaly

33.5251, -9.4397, 8.4005

Monochromacy



Original Color

33.6327, -16.3073, 18.7160

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.3342, -7.9386, 9.9910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6327, -16.3073, 18.7160 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, 103, 26)` looks like.

```
.text, #text, p{  
    color:rgb(76, 103, 26)  
}
```

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, 103, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 103, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6327, -16.3073, 18.7160 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, 103, 26) }
```


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

```
.border{ border-color:rgb(76, 103, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 103, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 103, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 103, 26);  
box-shadow:4px 4px 4px 4px rgb(76, 103,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.6327, -16.3073, 18.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 103, 26) }
```

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

```
.background{ background-color: rgb(76, 103,  
26) }
```

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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