

Converting Colors

HunterLab(18.3444, 34.9904,
-15.8597)

Have a look what the booklet for
HunterLab(18.3444, 34.9904,
-15.8597) contains.

HunterLab(18.3445, 34.9907, -15.8608)	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(18.3445, 34.9907,
-15.8608)**

Conversions

Conversions Part 1

Format	Color
Hex	640055
RGB	100, 0, 85
RGB Percent	39%, 0%, 33%
CMY	0.6078, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.15, 0.61
HSL	309°, 100%, 20%
HSV	309°, 100%, 39%
XYZ	6.8952, 3.3652, 8.8805
YIQ	39.5900, 32.3150, 47.6350

Conversions

Conversions Part 2

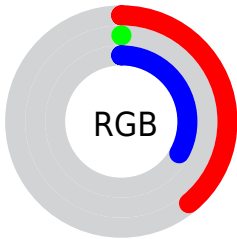
Format	Color
RYB	100, 0, 85
Decimal	6553685
CIELab	21.45, 47.10, -22.16
CIELCh	21, 52.058, 334.803
Yxy	3.3654, 0.3602, 0.1758
Android (android.graphics.Color)	4284743765 (0xFF640055)
YUV	39.5900, 22.3871, 52.9796
Hunter-Lab	18.3445, 34.9907, -15.8608

Details

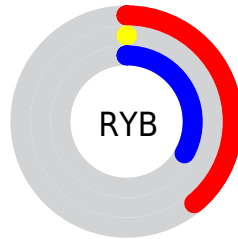
The HunterLab color **18.3445, 34.9907, -15.8608** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **30.2473, -25.5294, 17.3049**, and the grayscale version is **14.3580, -0.7661, 0.7801**.

A 20% lighter version of the original color is **34.8917, 38.5811, -16.7743**, and **9.2575, 17.5086, -6.8461** is the 20% darker color. If you saturate the color by 10%, you get **18.3445, 34.9907, -15.8602**, and if you desaturate by 10%, it is **18.9909, 33.1632, -15.5349**.

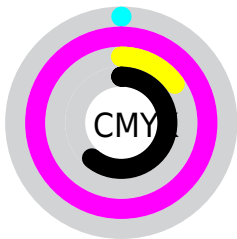
Distribution



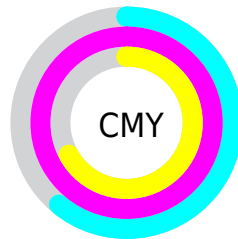
- Red (39%)
- Green (0%)
- Blue (33%)



- Red (39%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3445, 34.9907, -15.8608 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 18.3445, 34.9907, -15.8608 by changing the saturation by 10% instead.

18.3445, 34.9907,
-15.8608

18.3445, 34.9907,
-15.8608

115.1676, 48.5431,
-18.5716

11.5123, 33.2297,
-15.4651

34.8550, 38.7096,
-16.8373

4.0086, 54.9626,
-25.9115

44.3405, 40.4401,
-17.2683

0.0000, INF, -NF

54.5579, 42.0556,
-17.6379

0.0000, NaN, NaN

65.4582, 43.5571,
-17.9441

0.0000, NaN, NaN

77.0009, 44.9499,
-18.1879

0.0000, NaN, NaN

89.1521, 46.2408,

0.0000, NaN, NaN

-18.3718

0.0000, NaN, NaN

101.8828, 47.4364,
-18.4988

18.3445, 34.9907,
-15.8608

18.3445, 34.9907,
-15.8608

18.3445, 34.9907,
-15.8602

18.9909, 33.1632,
-15.5349

19.7851, 30.9415,
-14.9343

20.8997, 27.8600,
-13.7597

22.3221, 24.1330,
-12.1122

24.0263, 19.9905,
-10.1154

■ 25.9807, 15.6276,
-7.8842

■ 28.1530, 11.1849,
-5.5092

■ 30.5136, 6.7521,
-3.0547

■ 33.0367, 2.3799,
-0.5626

Harmonies

Analogous

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



18.3450, 19.5635, -41.5264



18.3445, 34.9907, -15.8608



18.3450, 39.7000, 3.2388

Triad

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



18.3450, 34.9894, -15.8599



18.3450, -3.4337, 12.8415



18.3450, -19.7352, -24.0266

Complementary

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



18.3445, 34.9907, -15.8608



30.2473, -25.5294, 17.3049

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.



18.3450, -22.3755, -1.5654



18.3445, 34.9907, -15.8608



18.3450, -15.1966, 12.8415

Square

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



18.3450, 34.9894, -15.8599



18.3450, 13.6796, 12.8415



18.3450, -21.0485, 9.4863



18.3450, -12.1194, -48.4242

Rectangle

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



18.3445, 34.9907, -15.8608



18.3450, 35.1353, 9.4089



18.3450, -21.0485, 9.4863



18.3450, -21.0923, -15.5395

Sweetspot

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



18.3450, 34.9894, -15.8599



37.0110, 15.3304, -7.5778



10.1087, 26.4096, -64.0239



17.9198, 8.4824, -4.2330



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



18.3450, 34.9894, -15.8599



24.2639, 46.2411, -20.6644



16.8252, 29.5328, 5.2800



16.9774, 0.9814, -0.1529



21.2156, 40.4476, -18.1918



48.3460, 92.0020, -40.1390

Inverse Universe

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



18.3450, 34.9894, -15.8599



24.2639, 46.2411, -20.6644



30.8158, -22.0024, 8.9806



16.9774, 0.9814, -0.1529



21.2156, 40.4476, -18.1918



48.3460, 92.0020, -40.1390

Previews

White Background



This preview shows how the HunterLab color 18.3445, 34.9907, -15.8608 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

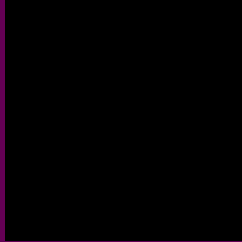
Any Text WCAG AA × Fail

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 18.3445, 34.9907, -15.8608 Background



This preview shows how black text looks on a background with the HunterLab color 18.3445, 34.9907, -15.8608.



This preview shows how white text looks on a background with the HunterLab color 18.3445, 34.9907, -15.8608.

-15.8608.

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

18.3445, 34.9907, -15.8608

Protanopia

19.3351, 5.4337, -35.8971

Deuteranopia

19.7292, 1.1290, -10.6309



Tritanopia

19.2246, 19.0129, 7.2750

Trichromacy



Original Color

18.3445, 34.9907, -15.8608

Protanomaly

15.8063, 14.6623, -38.1366

Deuteranomaly

17.2323, 15.1182, -16.5823

Tritanomaly

18.2613, 25.1325, 0.7569

Monochromacy



Original Color

18.3445, 34.9907, -15.8608

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.1595, 13.6456, -6.7023

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3445, 34.9907, -15.8608 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(100, 0, 85)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 85)  
}
```

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(100, 0, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3445, 34.9907, -15.8608 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(100, 0, 85) }
```


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

```
.border{ border-color:rgb(100, 0, 85) }
```

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

Here you see how a box with a 4 pixel rgb(100, 0, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 0, 85);  
box-shadow:4px 4px 4px 4px rgb(100, 0, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3445, 34.9907, -15.8608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 85) }
```

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

```
.background{ background-color: rgb(100, 0,  
85) }
```

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