

Converting Colors

HunterLab(34.0899, -15.1545,
-4.4904)

Have a look what the booklet for
HunterLab(34.0899, -15.1545,
-4.4904) contains.

HunterLab(33.9568, -15.0627, -4.6015)	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(33.9568,
-15.0627, -4.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	21696D
RGB	33, 105, 109
RGB Percent	13%, 41%, 43%
CMY	0.8706, 0.5882, 0.5725
CMYK	0.70, 0.04, 0.00, 0.57
HSL	183°, 54%, 28%
HSV	183°, 70%, 43%
XYZ	8.4391, 11.5306, 16.2489
YIQ	83.9280, -44.1960, -14.0200

Conversions

Conversions Part 2

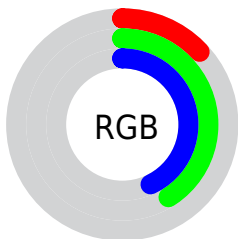
Format	Color
R_{YB}	33, 70, 109
Decimal	2189677
CIE _{Lab}	40.46, -20.30, -8.74
CIE _{LCh}	40, 22.103, 203.288
Y _{xy}	11.5311, 0.2330, 0.3184
Android (android.graphics.Color)	4280379757 (0xFF21696D)
YUV	83.9280, 12.3605, -44.6639
Hunter-Lab	33.9568, -15.0627, -4.6015

Details

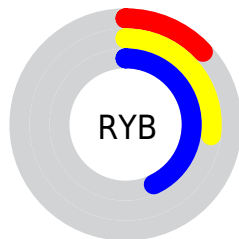
The HunterLab color **33.9568, -15.0627, -4.6015** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **21.6436, 21.8589, 9.7770**, and the grayscale version is **29.7177, -1.5857, 1.6146**.

A 20% lighter version of the original color is **53.6431, -18.9326, -4.0355**, and **18.0944, -8.6538, -3.9352** is the 20% darker color. If you saturate the color by 10%, you get **33.5604, -15.7173, -5.1560**, and if you desaturate by 10%, it is **34.4358, -14.1014, -3.9384**.

Distribution



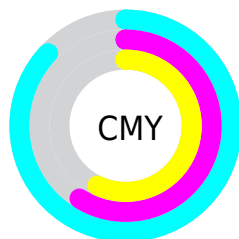
- Red (13%)
- Green (41%)
- Blue (43%)



- Red (13%)
- Yellow (27%)
- Blue (43%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9568, -15.0627, -4.6015 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 33.9568, -15.0627, -4.6015 by changing the saturation by 10% instead.

■ 33.9568, -15.0627,
-4.6015

■ 33.9568, -15.0627,
-4.6015

141.8717,
-30.0610, -2.1187

■ 25.3481, -13.1521,
-4.5810

■ 53.5146, -18.6248,
-4.4226

■ 17.6220, -11.0955,
-4.4749

■ 64.3491, -20.3251,
-4.2395

■ 10.8948, -9.1518,
-4.2720

■ 75.8298, -21.9910,
-4.0014

■ 2.2589, -3.9531,
-15.9125

■ 87.9222, -23.6318,
-3.7128

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5966,
-25.2546, -3.3774

0.0000, NaN, NaN

■ 113.8276,

0.0000, NaN, NaN

-26.8645, -2.9982

0.0000, NaN, NaN

127.5926,
-28.4656, -2.5779

■ 33.9568, -15.0627,
-4.6015

■ 33.9568, -15.0627,
-4.6015

■ 33.5604, -15.7173,
-5.1560

■ 34.4358, -14.1014,
-3.9384

■ 33.2387, -16.0821,
-5.6080

■ 34.9995, -12.8259,
-3.1676

■ 32.9585, -16.2867,
-6.0036

■ 35.6508, -11.2379,
-2.2907

■ 32.9507, -16.2925,
-6.0147

■ 36.3906, -9.3460,
-1.3125

■ 37.2189, -7.1644,
-0.2394

■ 38.1343, -4.7114,
0.9209

■ 39.1352, -2.0080,
2.1603

■ 40.2189, 0.9231,
3.4700

■ 41.3825, 4.0590,
4.8417

Harmonies

Analogous

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



33.9574, -16.0395, 3.5478



33.9568, -15.0627, -4.6015



33.9574, -10.6972, -12.4333

Triad

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



33.9574, -15.0628, -4.6010



33.9574, 11.7085, -8.3446



33.9574, 0.0405, 13.5857

Complementary

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



33.9568, -15.0627, -4.6015



21.6436, 21.8589, 9.7770

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.



33.9574, 8.0888, 11.7723



33.9568, -15.0627, -4.6015



33.9574, 15.2245, 0.0564

Square

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



33.9574, -15.0628, -4.6010



33.9574, 4.6178, -14.9269



33.9574, 13.8411, 7.2379



33.9574, -7.7995, 12.9026

Rectangle

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



33.9568, -15.0627, -4.6015



33.9574, -6.2108, -15.7889



33.9574, 13.8411, 7.2379



33.9574, 2.8192, 13.2654

Sweetspot

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



33.9574, -15.0628, -4.6010



49.5890, -10.1587, -0.5968



33.7539, -25.0818, 17.3137



23.8121, -5.1902, -0.4291



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.9574, -15.0628, -4.6010



44.6134, -21.3959, -7.3140



23.3795, 0.3672, -22.2785



18.6172, -2.1975, 0.4943



35.6204, -17.6014, -6.5260



80.1546, -39.4243, -15.0805

Inverse Universe

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



23.1499, 31.9726, -19.4052



28.6706, 49.9085, -30.0046



28.9249, 5.4406, 14.9687



17.7800, 1.1216, -0.3642



22.2559, 43.2831, -25.6904



50.1977, 97.5619, -57.4606

Previews

White Background



This preview shows how the HunterLab color 33.9568, -15.0627, -4.6015 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 33.9568, -15.0627, -4.6015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

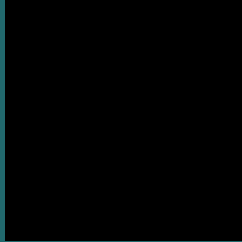
Any Text WCAG AA × Fail

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 33.9568, -15.0627, -4.6015 Background



This preview shows how black text looks on a background with the HunterLab color 33.9568, -15.0627, -4.6015.



This preview shows how white text looks on a background with the HunterLab color 33.9568,

-15.0627, -4.6015.

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

33.9568, -15.0627, -4.6015

Protanopia

33.6814, -0.5559, -1.3832

Deuteranopia

33.8900, 2.1211, -5.8982



Tritanopia

33.8382, -13.7238, -6.7630

Trichromacy



Original Color

33.9568, -15.0627, -4.6015

Protanomaly

33.3662, -7.0870, -3.3122

Deuteranomaly

33.3370, -5.3761, -6.2988

Tritanomaly

33.7795, -14.0149, -6.3365

Monochromacy



Original Color

33.9568, -15.0627, -4.6015

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.9329, -8.0667, -0.9301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9568, -15.0627, -4.6015 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(33, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(33, 105, 109)  
}
```

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(33, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 105, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9568, -15.0627, -4.6015 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(33, 105, 109) }
```


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

```
.border{ border-color:rgb(33, 105, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 105, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(33, 105,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9568, -15.0627, -4.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 105, 109) }
```

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

```
.background{ background-color: rgb(33, 105,  
109) }
```

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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