

Converting Colors

HunterLab(49.1767, -15.3286,
5.3274)

Have a look what the booklet for
HunterLab(49.1767, -15.3286,
5.3274) contains.

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Color

**HunterLab(49.1391,
-15.4215, 5.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	688F80
RGB	104, 143, 128
RGB Percent	41%, 56%, 50%
CMY	0.5922, 0.4392, 0.4980
CMYK	0.27, 0.00, 0.10, 0.44
HSL	157°, 16%, 48%
HSV	157°, 27%, 56%
XYZ	19.4277, 24.1465, 24.0589
YIQ	129.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

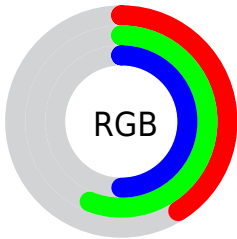
Format	Color
R_{YB}	104, 128, 143
Decimal	6852480
CIE _{Lab}	56.24, -16.82, 3.63
CIE _{LCh}	56, 17.212, 167.822
Yxy	24.1475, 0.2873, 0.3570
Android (android.graphics.Color)	4285042560 (0xFF688F80)
YUV	129.6290, -0.8031, -22.4766
Hunter-Lab	49.1391, -15.4215, 5.3685

Details

The HunterLab color $49.1391, -15.4215, 5.3685$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41.3192, 12.4010, 0.6330$, and the grayscale version is $47.1102, -2.5137, 2.5596$.

A 20% lighter version of the original color is $70.9483, -18.4482, 6.8625$, and $30.3405, -12.4946, 4.0218$ is the 20% darker color. If you saturate the color by 10%, you get $48.1893, -19.3077, 6.5016$, and if you desaturate by 10%, it is $50.2254, -11.1158, 4.3438$.

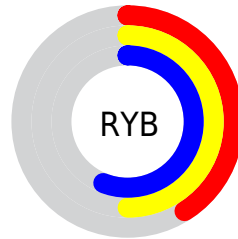
Distribution



Red (41%)

Green (56%)

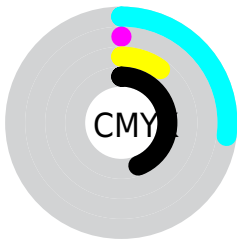
Blue (50%)



Red (41%)

Yellow (50%)

Blue (56%)

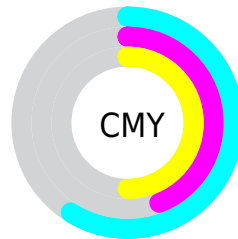


Cyan (27%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1391, -15.4215, 5.3685 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 49.1391, -15.4215, 5.3685 by changing the saturation by 10% instead.

■ 49.1391, -15.4215,
5.3685

■ 49.1391, -15.4215,
5.3685

165.3981,
-28.6045, 13.1072

■ 39.2977, -13.8731,
4.6282

■ 70.9019, -18.4213,
6.9234

■ 30.2174, -12.2691,
3.9103

■ 82.7396, -19.8913,
7.7369

■ 21.9697, -10.5819,
3.2133

■ 95.1714, -21.3502,
8.5742

■ 14.6490, -8.7615,
2.5323

■ 108.1701,
-22.8026, 9.4352

■ 8.3083, -9.2677,
2.2637

121.7120,
-24.2519, 10.3195

0.0000, NaN, NaN

135.7762,

0.0000, NaN, NaN

-25.7006, 11.2265

0.0000, NaN, NaN

150.3438,
-27.1510, 12.1558

0.0000, NaN, NaN

■ 49.1391, -15.4215,
5.3685

■ 49.1391, -15.4215,
5.3685

■ 48.1893, -19.3077,
6.5016

■ 50.2254, -11.1158,
4.3438

■ 47.3733, -22.7407,
7.7299

■ 51.4433, -6.4256,
3.4338

■ 46.6903, -25.6986,
9.0395

■ 52.7910, -1.3925,
2.6445

■ 46.1368, -28.1703,
10.4133

■ 54.2642, 3.9418,
1.9783

■ 45.7064, -30.1589,
11.8318

■ 55.8584, 9.5363,
1.4352

■ 45.3900, -31.6848,
13.2731

■ 57.5682, 15.3521,
1.0132

■ 45.1671, -32.8204,
14.7065

■ 59.3882, 21.3536,
0.7089

■ 45.1114, -33.1074,
15.0842

■ 61.3126, 27.5088,
0.5172

■ 63.3358, 33.7897,
0.4328

Harmonies

Analogous

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



49.1401, -12.4565, 10.7116



49.1391, -15.4215, 5.3685



49.1401, -15.1065, -1.5232

Triad

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



49.1401, -15.4223, 5.3692



49.1401, 1.6790, -11.5658



49.1401, 7.0074, 11.4573

Complementary

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



49.1391, -15.4215, 5.3685



41.3192, 12.4010, 0.6330

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.



49.1401, 11.2426, 6.5324



49.1391, -15.4215, 5.3685



49.1401, 8.0467, -7.0008

Square

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



49.1401, -15.4223, 5.3692



49.1401, -5.5073, -11.9963



49.1401, 11.6336, -0.1813



49.1401, 0.3260, 13.8725

Rectangle

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



49.1391, -15.4215, 5.3685



49.1401, -13.0760, -6.0930



49.1401, 11.6336, -0.1813



49.1401, 8.7805, 10.0757

Sweetspot

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



49.1401, -15.4223, 5.3692



68.6881, -9.1805, 4.6977



49.6085, -14.8070, 14.6562



32.7805, -4.8253, 2.3271



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.1401, -15.4223, 5.3692



64.9209, -24.0459, 8.1430



48.3957, -11.2400, -2.2135



24.6610, -3.5385, 1.7330



42.4228, -31.1004, 14.1120



4.1998, -2.7244, 0.6318

Inverse Universe

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



41.3192, 12.4010, 0.6330



52.1571, 21.5169, 0.5022



41.8853, 8.4354, 7.4179



23.3587, 1.0705, 0.9312



23.2619, 40.9019, 6.7739



2.3625, 4.3188, -0.5892

Previews

White Background



This preview shows how the HunterLab color 49.1391, -15.4215, 5.3685 looks on a white background.

Color Contrast Check

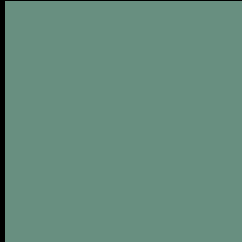
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.1391, -15.4215, 5.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

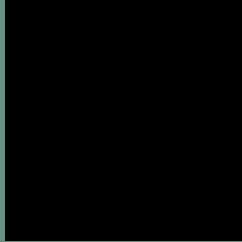
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.1391, -15.4215, 5.3685 Background



This preview shows how black text looks on a background with the HunterLab color 49.1391, -15.4215, 5.3685.



This preview shows how white text looks on a background with the HunterLab color 49.1391,

-15.4215, 5.3685.

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

49.1391, -15.4215, 5.3685

Protanopia

48.9584, -2.7400, 7.4266

Deuteranopia

48.9832, 3.4646, 4.2529



Tritanopia

49.2359, -9.0481, -5.0763

Trichromacy



Original Color

49.1391, -15.4215, 5.3685

Protanomaly

48.7930, -7.6432, 6.3562

Deuteranomaly

48.9144, -3.9811, 4.4723

Tritanomaly

49.1515, -11.3990, -1.2595

Monochromacy



Original Color

49.1391, -15.4215, 5.3685

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9352, -7.5062, 3.7175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1391, -15.4215, 5.3685 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(104, 143, 128)` looks like.

```
.text, #text, p{  
    color:rgb(104, 143, 128)  
}
```

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(104, 143, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 143, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1391, -15.4215, 5.3685 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(104, 143, 128) }
```


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

```
.border{ border-color:rgb(104, 143, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 143, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 143, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 143, 128);  
box-shadow:4px 4px 4px 4px rgb(104, 143,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1391, -15.4215, 5.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 143, 128) }
```

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

```
.background{ background-color: rgb(104,  
143, 128) }
```

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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