

Converting Colors

HunterLab(50.9332, -15.3100,
10.9874)

Have a look what the booklet for
HunterLab(50.9332, -15.3100,
10.9874) contains.

HunterLab(50.9484, -15.4455, 11.1780)	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(50.9484,
-15.4455, 11.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	759376
RGB	117, 147, 118
RGB Percent	46%, 58%, 46%
CMY	0.5412, 0.4235, 0.5372
CMYK	0.20, 0.00, 0.20, 0.42
HSL	122°, 12%, 52%
HSV	122°, 20%, 58%
XYZ	21.0399, 25.9574, 21.0409
YIQ	134.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

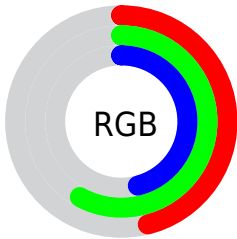
Format	Color
RYB	117, 146, 147
Decimal	7705462
CIELab	58.00, -16.49, 11.95
CIElCh	58, 20.366, 144.063
Yxy	25.9585, 0.3092, 0.3815
Android (android.graphics.Color)	4285895542 (0xFF759376)
YUV	134.7240, -8.2449, -15.5439
Hunter-Lab	50.9484, -15.4455, 11.1780

Details

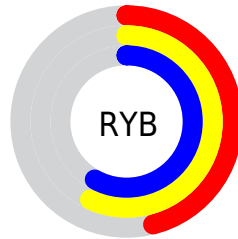
The HunterLab color $50.9484, -15.4455, 11.1780$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.8275, 11.6594, -6.7416$, and the grayscale version is $49.1477, -2.6224, 2.6703$.

A 20% lighter version of the original color is $72.8770, -18.5284, 13.6421$, and $31.6810, -12.2141, 8.4639$ is the 20% darker color. If you saturate the color by 10%, you get $49.7052, -20.7775, 14.7085$, and if you desaturate by 10%, it is $52.3657, -9.5491, 7.2980$.

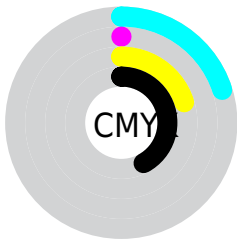
Distribution



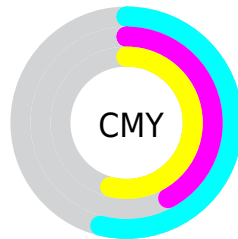
- Red (46%)
- Green (58%)
- Blue (46%)



- Red (46%)
- Yellow (57%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9484, -15.4455, 11.1780 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 50.9484, -15.4455, 11.1780 by changing the saturation by 10% instead.

■ 50.9484, -15.4455,
11.1780

■ 50.9484, -15.4455,
11.1780

168.1006,
-28.4747, 22.3387

■ 40.9788, -13.9260,
9.9300

■ 72.9438, -18.3993,
13.6399

■ 31.7596, -12.3564,
8.6551

■ 84.8884, -19.8498,
14.8656

■ 23.3591, -10.7124,
7.3355

■ 97.4219, -21.2912,
16.0933

■ 15.8667, -8.9504,
5.9388

110.5180,
-22.7274, 17.3259

■ 9.4095, -8.1387,
5.7776

124.1534,
-24.1617, 18.5653

0.0000, NaN, NaN

138.3076,

0.0000, NaN, NaN

-25.5964, 19.8132

0.0000, NaN, NaN

152.9622,
-27.0336, 21.0707

0.0000, NaN, NaN

■ 50.9484, -15.4455,
11.1780

■ 50.9484, -15.4455,
11.1780

■ 49.7052, -20.7775,
14.7085

■ 52.3657, -9.5491,
7.2980

■ 48.6362, -25.4790,
17.8453

■ 53.9489, -3.1536,
3.1120

■ 47.7432, -29.4993,
20.5533

■ 55.6924, 3.6702,
-1.3338

■ 47.0241, -32.8031,
22.8067

■ 57.5886, 10.8553,
-5.9961

■ 46.4734, -35.3772,
24.5930

■ 59.6296, 18.3397,
-10.8350

■ 46.0816, -37.2350,
25.9166

■ 61.8068, 26.0677,
-15.8152

■ 45.8346, -38.4214,
26.8004

■ 64.1120, 33.9913,
-20.9062

■ 45.6938, -39.0985,
27.2892

■ 66.5368, 42.0693,
-26.0825

■ 69.0734, 50.2677,
-31.3229

Harmonies

Analogous

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



50.9495, -9.2984, 15.1612



50.9484, -15.4455, 11.1780



50.9495, -18.1667, 4.3758

Triad

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



50.9495, -15.4465, 11.1786



50.9495, -4.4227, -15.5125



50.9495, 13.2964, 8.7868

Complementary

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



50.9484, -15.4455, 11.1780



45.8275, 11.6594, -6.7416

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.



50.9495, 14.8160, 1.1170



50.9484, -15.4455, 11.1780



50.9495, 4.2074, -13.8072

Square

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



50.9495, -15.4465, 11.1786



50.9495, -12.0795, -11.6991



50.9495, 11.3902, -7.3641



50.9495, 7.3653, 13.9492

Rectangle

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



50.9484, -15.4455, 11.1780



50.9495, -17.8087, -1.2044



50.9495, 11.3902, -7.3641



50.9495, 14.3559, 6.4541

Sweetspot

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



50.9495, -15.4465, 11.1786



70.9569, -9.1866, 7.4118



53.1640, -7.4206, 13.8603



33.8445, -4.6227, 3.6941



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



50.9495, -15.4465, 11.1786



67.4723, -23.6807, 16.9485



51.3264, -13.2959, 5.7601



25.4389, -4.2629, 3.2970



42.5453, -36.3982, 25.3953



4.7135, -3.9854, 2.7118

Inverse Universe

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



45.8275, 11.6594, -6.7416



59.3061, 19.5904, -11.6543



45.3486, 9.1706, 0.0291



24.3020, 1.7405, -0.6731



26.5973, 51.9268, -32.2555



2.9568, 5.7944, -3.7540

Previews

White Background



This preview shows how the HunterLab color 50.9484, -15.4455, 11.1780 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 50.9484, -15.4455, 11.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

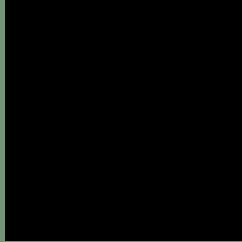
Any Text WCAG AA ✓ Pass

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 50.9484, -15.4455, 11.1780 Background



This preview shows how black text looks on a background with the HunterLab color 50.9484, -15.4455, 11.1780.



This preview shows how white text looks on a background with the HunterLab color 50.9484,

-15.4455, 11.1780.

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

50.9484, -15.4455, 11.1780

Protanopia

50.8755, -3.7653, 12.7308

Deuteranopia

50.7953, 3.4392, 10.2457



Tritanopia

50.8496, -6.1737, -3.9141

Trichromacy



Original Color

50.9484, -15.4455, 11.1780

Protanomaly

50.8115, -8.3994, 12.2366

Deuteranomaly

50.7450, -3.9443, 10.4383

Tritanomaly

50.8969, -9.8372, 2.2878

Monochromacy



Original Color

50.9484, -15.4455, 11.1780

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.6381, -7.4047, 5.6498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9484, -15.4455, 11.1780 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(117, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 118)  
}
```

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(117, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9484, -15.4455, 11.1780 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(117, 147, 118) }
```


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

```
.border{ border-color:rgb(117, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9484, -15.4455, 11.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 118) }
```

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

```
.background{ background-color: rgb(117,  
147, 118) }
```

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