

Converting Colors

HunterLab(50.6794, -14.9867,
-1.4100)

Have a look what the booklet for
HunterLab(50.6794, -14.9867,
-1.4100) contains.

HunterLab(50.6228, -15.0860, -1.4004)	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(50.6228,
-15.0860, -1.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	639393
RGB	99, 147, 147
RGB Percent	39%, 58%, 58%
CMY	0.6118, 0.4235, 0.4235
CMYK	0.33, 0.00, 0.00, 0.42
HSL	180°, 20%, 48%
HSV	180°, 33%, 58%
XYZ	20.8458, 25.6267, 31.4515
YIQ	132.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

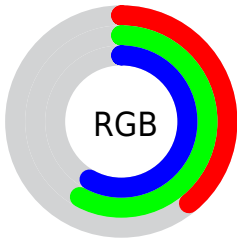
Format	Color
R _Y B	99, 123, 147
Decimal	6525843
CIE Lab	57.68, -16.06, -5.17
CIE LCh	58, 16.873, 197.845
Yxy	25.6277, 0.2675, 0.3289
Android (android.graphics.Color)	4284715923 (0xFF639393)
YUV	132.6480, 7.0755, -29.5093
Hunter-Lab	50.6228, -15.0860, -1.4004

Details

The HunterLab color $[50.6228, -15.0860, -1.4004]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[40.0354, 13.5247, 7.4233]$, and the grayscale version is $[48.2733, -2.5757, 2.6228]$.

A 20% lighter version of the original color is $[72.5712, -17.8446, -0.7400]$, and $[31.4353, -11.8158, -2.1669]$ is the 20% darker color. If you saturate the color by 10%, you get $[49.8735, -17.9027, -2.3974]$, and if you desaturate by 10%, it is $[51.5096, -11.8192, -0.2409]$.

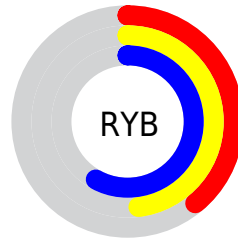
Distribution



Red (39%)

Green (58%)

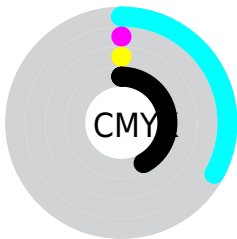
Blue (58%)



Red (39%)

Yellow (48%)

Blue (58%)

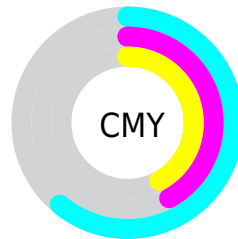


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6228, -15.0860, -1.4004 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 50.6228, -15.0860, -1.4004 by changing the saturation by 10% instead.

■ 50.6228, -15.0860,
-1.4004

■ 50.6228, -15.0860,
-1.4004

167.6155,
-27.9353, 3.0663

■ 40.6760, -13.5916,
-1.6733

■ 72.5767, -17.9928,
-0.6948

■ 31.4815, -12.0497,
-1.8864

■ 84.5022, -19.4218,
-0.2724

■ 23.1082, -10.4358,
-2.0306

■ 97.0176, -20.8427,
0.1922

■ 15.6462, -8.7071,
-2.0938

■ 110.0963,
-22.2593, 0.6962

■ 9.2219, -8.0818,
-2.0629

123.7150,
-23.6748, 1.2374

0.0000, NaN, -NF

0.0000, NaN, NaN

137.8531,

-25.0914, 1.8140

0.0000, NaN, NaN

152.4921,
-26.5111, 2.4241

0.0000, NaN, NaN

■ 50.6228, -15.0860,
-1.4004

■ 50.6228, -15.0860,
-1.4004

■ 49.8735, -17.9027,
-2.3974

■ 51.5096, -11.8192,
-0.2409

■ 49.2567, -20.2528,
-3.2293

■ 52.5314, -8.1238,
1.0712

■ 48.7692, -22.1335,
-3.8945

■ 53.6878, -4.0305,
2.5263

■ 48.4046, -23.5537,
-4.3965

■ 54.9765, 0.4261,
4.1128

■ 48.1539, -24.5373,
-4.7440

■ 56.3939, 5.2092,
5.8179

■ 48.0048, -25.1248,
-4.9514

■ 57.9358, 10.2813,
7.6290

■ 47.9320, -25.4124,
-5.0528

■ 59.5972, 15.6057,
9.5333

■ 61.3728, 21.1480,
11.5188

■ 63.2572, 26.8761,
13.5745

Harmonies

Analogous

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



50.6238, -15.4032, 5.4215



50.6228, -15.0860, -1.4004



50.6238, -11.5675, -7.8799

Triad

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



50.6238, -15.0866, -1.3996



50.6238, 7.8494, -6.7862



50.6238, 0.2108, 13.9044

Complementary

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



50.6228, -15.0860, -1.4004



40.0354, 13.5247, 7.4233

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.



50.6238, 6.8149, 11.4900



50.6228, -15.0860, -1.4004



50.6238, 11.3855, -0.0637

Square

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



50.6238, -15.0866, -1.3996



50.6238, 1.5598, -11.2733



50.6238, 10.9968, 6.5860



50.6238, -6.8310, 13.6501

Rectangle

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



50.6228, -15.0860, -1.4004



50.6238, -7.7635, -10.8496



50.6238, 10.9968, 6.5860



50.6238, 2.5626, 13.3935

Sweetspot

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



50.6238, -15.0866, -1.3996



70.6598, -9.5784, 1.8928



49.4644, -21.8953, 15.9465



33.6692, -4.9007, 0.7891



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.



50.6238, -15.0866, -1.3996



67.0088, -22.9461, -2.8500



43.7325, -4.7137, -10.5599



25.6169, -3.2711, 0.7537



44.6286, -23.6610, -4.7046



4.9374, -2.6176, -0.5206

Inverse Universe

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



40.0354, 13.5247, 7.4233



50.0294, 23.2751, 11.4126



45.9054, 2.3717, 13.0813



24.1151, 0.7361, 1.9881



23.1899, 39.7135, 14.9844



2.5656, 4.3936, 1.6576

Previews

White Background



This preview shows how the HunterLab color 50.6228, -15.0860, -1.4004 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 50.6228, -15.0860, -1.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

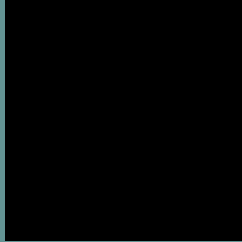
Any Text WCAG AA ✓ Pass

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 50.6228, -15.0860, -1.4004 Background



This preview shows how black text looks on a background with the HunterLab color 50.6228, -15.0860, -1.4004.



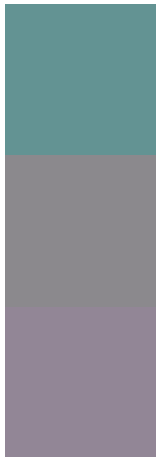
This preview shows how white text looks on a background with the HunterLab color 50.6228,

-15.0860, -1.4004.

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

50.6228, -15.0860, -1.4004

Protanopia

50.3025, -1.4421, 1.2692

Deuteranopia

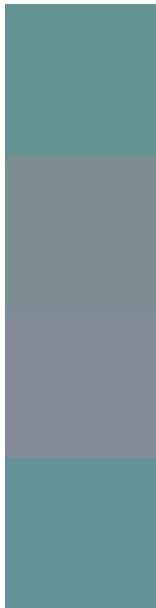
50.3619, 3.6092, -2.8735



Tritanopia

50.4498, -11.9404, -6.6099

Trichromacy



Original Color

50.6228, -15.0860, -1.4004

Protanomaly

50.3170, -7.1894, 0.2585

Deuteranomaly

50.3014, -3.8874, -2.5873

Tritanomaly

50.5638, -13.3494, -4.4145

Monochromacy



Original Color

50.6228, -15.0860, -1.4004

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.0682, -7.4346, 1.0517

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6228, -15.0860, -1.4004 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(99, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(99, 147, 147)  
}
```

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(99, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 147, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6228, -15.0860, -1.4004 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(99, 147, 147) }
```


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

```
.border{ border-color:rgb(99, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(99, 147,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6228, -15.0860, -1.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 147, 147) }
```

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

```
.background{ background-color: rgb(99, 147,  
147) }
```

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