

Converting Colors

HunterLab(40.0523, 16.8047,
-63.3636)

Have a look what the booklet for
HunterLab(40.0523, 16.8047,
-63.3636) contains.

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Color

**HunterLab(40.1459, 16.7135,
-63.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	4F68D0
RGB	79, 104, 208
RGB Percent	31%, 41%, 82%
CMY	0.6902, 0.5922, 0.1843
CMYK	0.62, 0.50, 0.00, 0.18
HSL	228°, 58%, 56%
HSV	228°, 62%, 82%
XYZ	19.5599, 16.1169, 61.7544
YIQ	108.3810, -48.2840, 27.0440

Conversions

Conversions Part 2

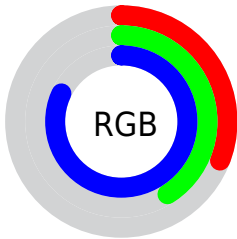
Format	Color
R _Y B	79, 100, 208
Decimal	5204176
CIE Lab	47.13, 23.10, -56.71
CIE LCh	47, 61.233, 292.160
Yxy	16.1174, 0.2008, 0.1654
Android (android.graphics.Color)	4283394256 (0xFF4F68D0)
YUV	108.3810, 49.1122, -25.7671
Hunter-Lab	40.1459, 16.7135, -63.1007

Details

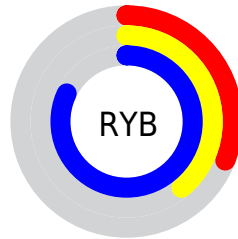
The HunterLab color **40.1459, 16.7135, -63.1007** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **69.1695, -6.5733, 36.1652**, and the grayscale version is **38.7027, -2.0651, 2.1028**.

A 20% lighter version of the original color is **60.1262, 14.7725, -55.9838**, and **23.0782, 15.7881, -62.9277** is the 20% darker color. If you saturate the color by 10%, you get **35.0909, 22.8747, -78.8041**, and if you desaturate by 10%, it is **45.6853, 11.5915, -49.0916**.

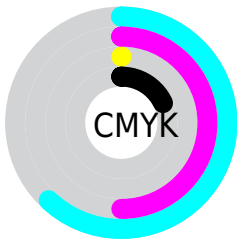
Distribution



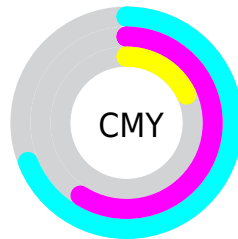
- Red (31%)
- Green (41%)
- Blue (82%)



- Red (31%)
- Yellow (39%)
- Blue (82%)



- Cyan (62%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (59%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1459, 16.7135, -63.1007 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 40.1459, 16.7135, -63.1007 by changing the saturation by 10% instead.

■ 40.1459, 16.7135, -63.1007

■ 40.1459, 16.7135, -63.1007

151.6686, 19.8692, -69.3618

■ 30.9956, 15.9150, -63.2339

■ 60.6646, 17.9739, -64.0056

■ 22.6702, 14.9804, -64.2796

■ 71.9341, 18.4600, -64.7133

■ 15.2619, 13.8915, -67.2969

■ 83.8260, 18.8635, -65.4861

■ 8.8833, 12.7390, -75.6323

■ 96.3095, 19.1920, -66.2846

0.0000, INF, -NF

0.0000, NaN, -NF

109.3576, 19.4519, -67.0843

0.0000, NaN, -NF

122.9470, 19.6485,

0.0000, NaN, -NF

-67.8698

0.0000, NaN, NaN

137.0568, 19.7863,
-68.6311

■ 40.1459, 16.7135,
-63.1007

■ 40.1459, 16.7135,
-63.1007

■ 35.0909, 22.8747,
-78.8041

■ 45.6853, 11.5915,
-49.0916

■ 30.6483, 30.1279,
-96.0297

■ 51.6101, 7.3472,
-36.6243

■ 26.9803, 38.2245,
-113.8430

■ 57.8500, 3.8133,
-25.4465

■ 24.6823, 44.7045,
-127.3549

■ 64.3531, 0.8444,
-15.3110

■ 71.0806, -1.6759,
-6.0060

■ 78.0032, -3.8385,
2.6394

■ 85.0984, -5.7134,
10.7604

■ 92.3481, -7.3546,
18.4628

■ 98.6351, -12.7015,
24.6853

Harmonies

Analogous

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



40.1465, -8.2259, -69.7861



40.1459, 16.7135, -63.1007



40.1465, 41.0058, -34.9751

Triad

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



40.1465, 16.7144, -63.0995



40.1465, 30.1376, 23.6550



40.1465, -38.2968, 7.7057

Complementary

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



40.1459, 16.7135, -63.1007



69.1695, -6.5733, 36.1652

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.



40.1465, -32.3870, 20.8236



40.1459, 16.7135, -63.1007



40.1465, 4.3225, 25.8544

Square

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



40.1465, 16.7144, -63.0995



40.1465, 49.9342, 15.4312



40.1465, -18.0584, 25.2548



40.1465, -36.4717, -18.0632

Rectangle

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



40.1459, 16.7135, -63.1007



40.1465, 51.6739, -13.6578



40.1465, -18.0584, 25.2548



40.1465, -37.2092, 13.4091

Sweetspot

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



40.1465, 16.7144, -63.0995



83.3670, 0.1258, -15.9118



70.8239, -37.6321, 5.8423



37.4482, 0.5081, -8.9765

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.1465, 16.7144, -63.0995



42.4993, 31.2732, -105.2501



37.3871, 37.7606, -70.9360



34.3267, -1.0696, -1.7416



19.7599, 34.3360, -98.8198



5.7473, 4.9296, -17.8253

Inverse Universe

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



44.7240, 46.6867, 11.0137



51.1548, 69.7606, 17.9118



73.5834, -30.7807, 38.8416



34.4168, 1.4944, 2.1193



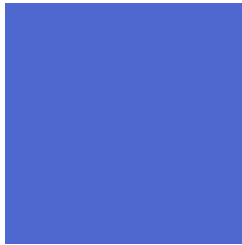
29.0954, 50.1967, 15.9332



6.9616, 12.1708, 2.5694

Previews

White Background



This preview shows how the HunterLab color 40.1459, 16.7135, -63.1007 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 40.1459, 16.7135, -63.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

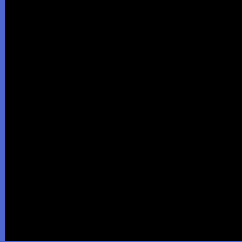
Any Text WCAG AA × Fail

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 40.1459, 16.7135, -63.1007 Background



This preview shows how black text looks on a background with the HunterLab color 40.1459, 16.7135, -63.1007.



This preview shows how white text looks on a background with the HunterLab color 40.1459, 16.7135, -63.1007.

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

40.1459, 16.7135, -63.1007

Protanopia

40.2933, 12.3921, -66.6080

Tritanopia

40.0451, -16.5917, -7.9356

Trichromacy



Original Color

40.1459, 16.7135, -63.1007

Protanomaly

40.3022, 13.6325, -65.5905

Tritanomaly

39.4763, -5.7924, -25.7265

Monochromacy



Original Color

40.1459, 16.7135, -63.1007

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

38.8206, 2.0535, -16.3412

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1459, 16.7135, -63.1007 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(79, 104, 208)` looks like.

```
.text, #text, p{  
    color:rgb(79, 104, 208)  
}
```

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(79, 104, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 104, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1459, 16.7135, -63.1007 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(79, 104, 208) }
```

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

```
.border{ border-color:rgb(79, 104, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 104, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 104, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 104, 208);  
box-shadow:4px 4px 4px 4px rgb(79, 104,  
208) }
```


Background

The CSS property to change the background color of an element to HunterLab 40.1459, 16.7135, -63.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 104, 208) }
```

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

```
.background{ background-color: rgb(79, 104,  
208) }
```

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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