

Converting Colors

HunterLab(40.3595, -9.4021,
-16.0981)

Have a look what the booklet for
HunterLab(40.3595, -9.4021,
-16.0981) contains.

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Color

**HunterLab(40.4034, -9.5180,
-15.7774)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7793
RGB	62, 119, 147
RGB Percent	24%, 47%, 58%
CMY	0.7568, 0.5333, 0.4235
CMYK	0.58, 0.19, 0.00, 0.42
HSL	200°, 41%, 41%
HSV	200°, 58%, 58%
XYZ	13.8499, 16.3243, 30.0247
YIQ	105.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

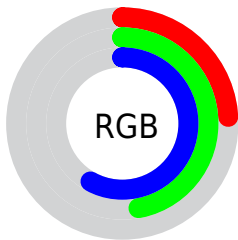
Format	Color
R _{YB}	62, 96, 147
Decimal	4093843
CIE _{Lab}	47.40, -10.15, -20.87
CIE _{LCh}	47, 23.210, 244.060
Yxy	16.3249, 0.2301, 0.2712
Android (android.graphics.Color)	4282283923 (0xFF3E7793)
YUV	105.1490, 20.6325, -37.8417
Hunter-Lab	40.4034, -9.5180, -15.7774

Details

The HunterLab color **40.4034, -9.5180, -15.7774** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **37.2341, 14.2230, 15.9345**, and the grayscale version is **37.5783, -2.0051, 2.0417**.

A 20% lighter version of the original color is **60.8735, -11.7917, -16.5173**, and **23.1322, -6.8023, -14.2291** is the 20% darker color. If you saturate the color by 10%, you get **38.4562, -9.3328, -19.0255**, and if you desaturate by 10%, it is **42.4834, -9.2566, -12.5084**.

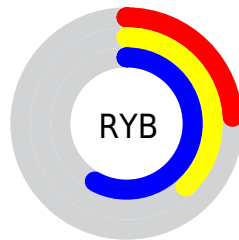
Distribution



Red (24%)

Green (47%)

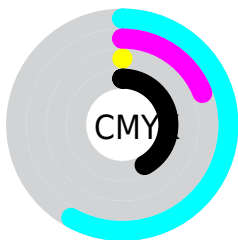
Blue (58%)



Red (24%)

Yellow (38%)

Blue (58%)

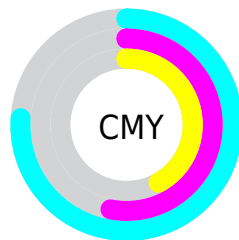


Cyan (58%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (76%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4034, -9.5180, -15.7774 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 40.4034, -9.5180, -15.7774 by changing the saturation by 10% instead.

40.4034, -9.5180,
-15.7774

40.4034, -9.5180,
-15.7774

152.0696,
-19.8253, -16.8463

31.2320, -8.3753,
-15.3560

60.9602, -11.7738,
-16.4265

22.8832, -7.2067,
-14.8853

72.2469, -12.9004,
-16.6547

15.4487, -5.9887,
-14.4093

84.1552, -14.0316,
-16.8218

9.0499, -5.3718,
-14.1170

96.6542, -15.1699,
-16.9308

0.0000, NaN, -NF

0.0000, NaN, NaN

109.7173,
-16.3173, -16.9849

0.0000, NaN, NaN

123.3209,

0.0000, NaN, NaN

-17.4750, -16.9871

0.0000, NaN, NaN

137.4445,
-18.6441, -16.9400

■ 40.4034, -9.5180,
-15.7774

■ 40.4034, -9.5180,
-15.7774

■ 38.4562, -9.3328,
-19.0255

■ 42.4834, -9.2566,
-12.5084

■ 36.6449, -8.6781,
-22.2338

■ 44.6871, -8.5799,
-9.2387

■ 34.9725, -7.5464,
-25.3803

■ 47.0079, -7.5233,
-5.9821

■ 33.4234, -6.0007,
-28.4767

■ 49.4379, -6.1227,
-2.7488

■ 33.0913, -5.6490,
-29.1666

■ 51.9698, -4.4132,
0.4540

■ 54.5962, -2.4274,
3.6221

■ 57.3105, -0.1950,
6.7535

■ 60.1065, 2.2574,
9.8477

■ 62.9785, 4.9063,
12.9056

Harmonies

Analogous

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



40.4041, -15.6339, -8.2568



40.4034, -9.5180, -15.7774



40.4041, -0.9139, -18.1325

Triad

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



40.4041, -9.5180, -15.7767



40.4041, 16.7824, 3.3581



40.4041, -11.4824, 13.6849

Complementary

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



40.4034, -9.5180, -15.7774



37.2341, 14.2230, 15.9345

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.



40.4041, -3.3873, 15.5105



40.4034, -9.5180, -15.7774



40.4041, 13.3541, 10.4422

Square

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



40.4041, -9.5180, -15.7767



40.4041, 14.7789, -5.7647



40.4041, 5.7697, 14.4694



40.4041, -16.6957, 8.8132

Rectangle

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



40.4034, -9.5180, -15.7774



40.4041, 5.2124, -16.1042



40.4041, 5.7697, 14.4694



40.4041, -9.0353, 14.6196

Sweetspot

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



40.4041, -9.5180, -15.7767



66.3157, -8.0947, -3.4756



47.5519, -29.8351, 17.0168



31.4013, -4.0445, -2.0289



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.



40.4041, -9.5180, -15.7767



50.8154, -12.3230, -26.5824



29.1909, 9.7501, -37.9090



24.9870, -2.2597, 0.0057



30.8863, -5.3757, -27.0006



4.1332, -1.6136, -1.6830

Inverse Universe

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



33.1372, 34.0442, -10.2130



40.4939, 54.5696, -14.9807



47.8498, -5.1189, 23.7475



24.2426, 1.4219, 0.1712



24.8121, 45.6296, -8.2936



2.8427, 5.3955, -2.2505

Previews

White Background



This preview shows how the HunterLab color 40.4034, -9.5180, -15.7774 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 40.4034, -9.5180, -15.7774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

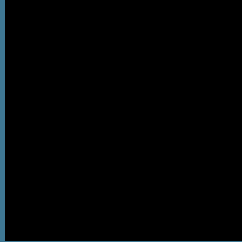
Any Text WCAG AA × Fail

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 40.4034, -9.5180, -15.7774 Background



This preview shows how black text looks on a background with the HunterLab color 40.4034, -9.5180, -15.7774.

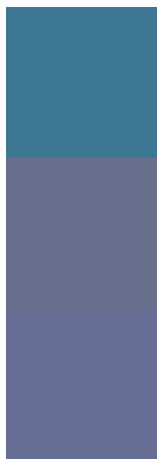


This preview shows how white text looks on a background with the HunterLab color 40.4034, -9.5180,

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

40.4034, -9.5180, -15.7774

Protanopia

40.2927, 1.2599, -12.2301

Deuteranopia

40.1828, 2.8886, -17.1432



Tritanopia

40.5287, -14.7474, -7.2197

Trichromacy



Original Color

40.4034, -9.5180, -15.7774

Protanomaly

40.1767, -3.2437, -13.6494

Deuteranomaly

39.9682, -2.1458, -16.9705

Tritanomaly

40.4727, -13.0617, -9.9601

Monochromacy



Original Color

40.4034, -9.5180, -15.7774

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.2515, -5.8749, -4.0749

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4034, -9.5180, -15.7774 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(62, 119, 147)` looks like.

```
.text, #text, p{  
    color:rgb(62, 119, 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(62, 119, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 119, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4034, -9.5180, -15.7774 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(62, 119, 147) }
```


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

```
.border{ border-color:rgb(62, 119, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 119, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 119, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 119, 147);  
box-shadow:4px 4px 4px 4px rgb(62, 119,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4034, -9.5180, -15.7774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 119, 147) }
```

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

```
.background{ background-color: rgb(62, 119,  
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](#).

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