

Converting Colors

HunterLab(40.3543, 17.0126,
-78.7420)

Have a look what the booklet for
HunterLab(40.3543, 17.0126,
-78.7420) contains.

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Color

**HunterLab(40.3661, 16.8309,
-78.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6AE0
RGB	47, 106, 224
RGB Percent	18%, 42%, 88%
CMY	0.8156, 0.5843, 0.1216
CMYK	0.79, 0.53, 0.00, 0.12
HSL	220°, 74%, 53%
HSV	220°, 79%, 88%
XYZ	19.7809, 16.2942, 72.6236
YIQ	101.8110, -73.0420, 24.1900

Conversions

Conversions Part 2

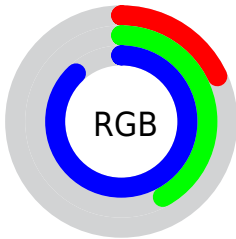
Format	Color
R _Y B	47, 91, 224
Decimal	3107552
CIE Lab	47.36, 23.21, -65.51
CIE LCh	47, 69.496, 289.511
Yxy	16.2947, 0.1820, 0.1499
Android (android.graphics.Color)	4281297632 (0xFF2F6AE0)
YUV	101.8110, 60.2392, -48.0692
Hunter-Lab	40.3661, 16.8309, -78.4137

Details

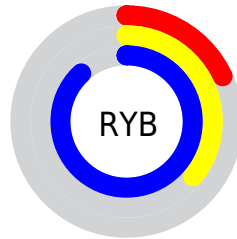
The HunterLab color **40.3661, 16.8309, -78.4137** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **65.5505, 7.0415, 38.0813**, and the grayscale version is **36.1816, -1.9306, 1.9658**.

A 20% lighter version of the original color is **59.4365, 9.6654, -57.5808**, and **24.6148, 19.8964, -73.7170** is the 20% darker color. If you saturate the color by 10%, you get **36.1622, 23.5559, -92.9286**, and if you desaturate by 10%, it is **45.0791, 11.2659, -64.7782**.

Distribution



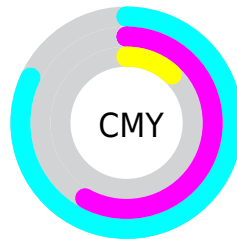
- Red (18%)
- Green (42%)
- Blue (88%)



- Red (18%)
- Yellow (36%)
- Blue (88%)



- Cyan (79%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (58%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3661, 16.8309, -78.4137 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 40.3661, 16.8309, -78.4137 by changing the saturation by 10% instead.

■ 40.3661, 16.8309, -78.4137

■ 40.3661, 16.8309, -78.4137

152.0112, 20.0135, -84.2213

■ 31.1976, 16.0304, -79.2259

■ 60.9171, 18.0977, -78.6875

■ 22.8522, 15.0933, -81.4443

■ 72.2013, 18.5867, -79.2756

■ 15.4215, 14.0024, -86.6265

■ 84.1073, 18.9932, -80.0043

■ 9.0258, 12.8033, -99.5006

■ 96.6041, 19.3247, -80.8116

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.6649, 19.5876, -81.6586

0.0000, NaN, -NF

123.2665, 19.7871,

0.0000, NaN, -NF

-82.5196

0.0000, NaN, NaN

137.3881, 19.9278,
-83.3777

■ 40.3661, 16.8309,
-78.4137

■ 40.3661, 16.8309,
-78.4137

■ 36.1622, 23.5559,
-92.9286

■ 45.0791, 11.2659,
-64.7782

■ 32.5316, 31.2772,
-107.9343

■ 50.2188, 6.7921,
-52.1965

■ 32.1981, 32.0620,
-109.4575

■ 55.7171, 3.2741,
-40.6537

■ 61.5186, 0.5621,
-30.0494

■ 67.5792, -1.4809,
-20.2552

■ 73.8643, -2.9712,
-11.1440

■ 80.3461, -4.0040,
-2.6013

■ 87.0026, -4.6561,
5.4706

■ 93.8159, -4.9890,
13.1533

Harmonies

Analogous

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



40.3666, -11.2397, -83.6786



40.3661, 16.8309, -78.4137



40.3666, 45.7991, -45.2721

Triad

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



40.3666, 16.8323, -78.4126



40.3666, 37.7094, 24.6730



40.3666, -41.7748, 10.2432

Complementary

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



40.3661, 16.8309, -78.4137



65.5505, 7.0415, 38.0813

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.



40.3666, -34.7200, 22.9878



40.3661, 16.8309, -78.4137



40.3666, 7.8094, 26.8890

Square

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



40.3666, 16.8323, -78.4126



40.3666, 59.8905, 15.5290



40.3666, -18.1761, 26.5845



40.3666, -40.5615, -18.1936

Rectangle

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



40.3661, 16.8309, -78.4137



40.3666, 59.4221, -19.3756



40.3666, -18.1761, 26.5845



40.3666, -40.3849, 16.0171

Sweetspot

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



40.3666, 16.8323, -78.4126



81.7652, -2.6229, -18.2650



75.2550, -49.5778, 17.4562



36.6275, -0.9083, -10.2254

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.3666, 16.8323, -78.4126



39.0102, 33.1736, -119.1718



29.9561, 51.8135, -120.2120



37.3978, -1.8533, -1.3836



24.9472, 23.4361, -81.7737



7.6947, 3.4758, -17.1210

Inverse Universe

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



43.4997, 64.8680, 9.3545



47.2657, 81.1036, 17.4123



80.6554, -31.4944, 47.1700



37.1154, 1.8723, 1.6744



30.8809, 53.8950, 12.1218



8.2294, 14.5530, 1.7522

Previews

White Background



This preview shows how the HunterLab color 40.3661, 16.8309, -78.4137 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 40.3661, 16.8309, -78.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

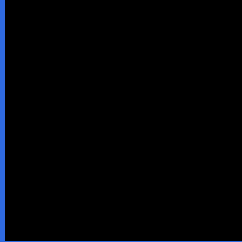
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

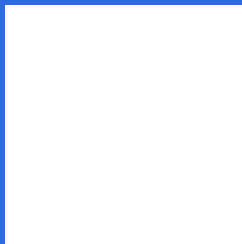
Any Text WCAG AAA × Fail

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

HunterLab 40.3661, 16.8309, -78.4137 Background



This preview shows how black text looks on a background with the HunterLab color 40.3661, 16.8309, -78.4137.



This preview shows how white text looks on a background with the HunterLab color 40.3661, 16.8309, -78.4137.

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

40.3661, 16.8309, -78.4137

Protanopia

40.2654, 15.4755, -80.8648

Deuteranopia

40.1396, 1.8430, -54.1494



Tritanopia

40.1014, -19.5560, -7.9074

Trichromacy



Original Color

40.3661, 16.8309, -78.4137

Protanomaly

40.3422, 15.5732, -79.5598

Deuteranomaly

39.9913, 6.6891, -62.7589

Tritanomaly

39.4441, -8.4594, -29.3506

Monochromacy



Original Color

40.3661, 16.8309, -78.4137

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.8370, 1.0401, -21.0526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3661, 16.8309, -78.4137 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(47, 106, 224)` looks like.

```
.text, #text, p{  
    color:rgb(47, 106, 224)  
}
```

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(47, 106, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 106, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3661, 16.8309, -78.4137 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(47, 106, 224) }
```


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

```
.border{ border-color:rgb(47, 106, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 106, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 106, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 106, 224);  
box-shadow:4px 4px 4px 4px rgb(47, 106,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3661, 16.8309, -78.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 106, 224) }
```

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

```
.background{ background-color: rgb(47, 106,  
224) }
```

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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