

Converting Colors

HunterLab(41.8637, -8.3420,
-16.4211)

Have a look what the booklet for
HunterLab(41.8637, -8.3420,
-16.4211) contains.

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Color

**HunterLab(41.8637, -8.3420,
-16.4211)**

Conversions

Conversions Part 1

Format	Color
Hex	477A98
RGB	71, 122, 152
RGB Percent	28%, 48%, 60%
CMY	0.7216, 0.5216, 0.4039
CMYK	0.53, 0.20, 0.00, 0.40
HSL	202°, 36%, 44%
HSV	202°, 53%, 60%
XYZ	15.2256, 17.5257, 32.2862
YIQ	110.1710, -40.0260, -1.4820

Conversions

Conversions Part 2

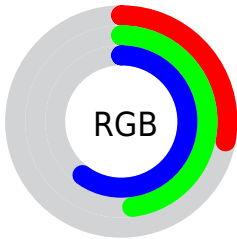
Format	Color
R_{YB}	71, 102, 152
Decimal	4684440
CIE _{Lab}	48.92, -8.26, -21.44
CIE _{LCh}	49, 22.979, 248.933
Yxy	17.5263, 0.2341, 0.2695
Android (android.graphics.Color)	4282874520 (0xFF477A98)
YUV	110.1710, 20.6217, -34.3530
Hunter-Lab	41.8637, -8.3420, -16.4211

Details

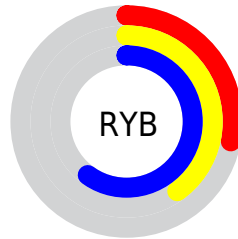
The HunterLab color **41.8637, -8.3420, -16.4211** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40.5443, 11.5543, 16.4671**, and the grayscale version is **39.4885, -2.1070, 2.1455**.

A 20% lighter version of the original color is **62.5206, -10.2434, -17.0296**, and **23.9788, -6.0890, -15.7734** is the 20% darker color. If you saturate the color by 10%, you get **39.5967, -8.0945, -20.2229**, and if you desaturate by 10%, it is **44.2692, -8.1368, -12.6497**.

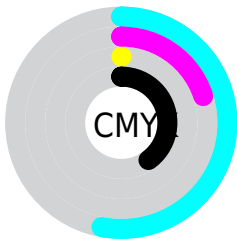
Distribution



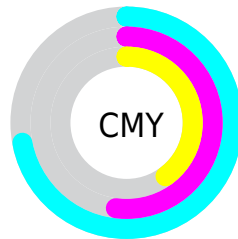
- Red (28%)
- Green (48%)
- Blue (60%)



- Red (28%)
- Yellow (40%)
- Blue (60%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8637, -8.3420, -16.4211 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 41.8637, -8.3420, -16.4211 by changing the saturation by 10% instead.

41.8637, -8.3420,
-16.4211

41.8637, -8.3420,
-16.4211

154.3333,
-17.8400, -17.5728

32.5737, -7.3255,
-15.9934

62.6327, -10.3780,
-17.0853

24.0947, -6.2989,
-15.5169

74.0160, -11.4064,
-17.3222

16.5143, -5.2465,
-15.0325

86.0159, -12.4453,
-17.4984

9.9551, -4.2139,
-14.6841

98.6022, -13.4964,
-17.6170

0.0000, NaN, -NF

0.0000, NaN, -NF

111.7488,
-14.5607, -17.6810

0.0000, NaN, NaN

125.4327,

0.0000, NaN, NaN

-15.6390, -17.6932

0.0000, NaN, NaN

139.6335,
-16.7320, -17.6563

■ 41.8637, -8.3420,
-16.4211

■ 41.8637, -8.3420,
-16.4211

■ 39.5967, -8.0945,
-20.2229

■ 44.2692, -8.1368,
-12.6497

■ 37.4742, -7.3597,
-24.0372

■ 46.8015, -7.5182,
-8.9257

■ 35.5036, -6.1152,
-27.8383

■ 49.4523, -6.5271,
-5.2577

■ 33.6874, -4.3600,
-31.6013

■ 52.2125, -5.2028,
-1.6509

■ 32.5252, -3.0073,
-34.1619

■ 55.0738, -3.5818,
1.8931

■ 58.0285, -1.6972,
5.3752

■ 61.0695, 0.4218,
8.7976

■ 64.1907, 2.7492,
12.1639

■ 67.3862, 5.2626,
15.4781

Harmonies

Analogous

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



41.8645, -14.9967, -9.5892



41.8637, -8.3420, -16.4211



41.8645, 0.5160, -17.7255

Triad

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



41.8645, -8.3421, -16.4203



41.8645, 16.4904, 4.7821



41.8645, -12.6746, 13.2694

Complementary

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



41.8637, -8.3420, -16.4211



40.5443, 11.5543, 16.4671

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.



41.8645, -4.9187, 15.6131



41.8637, -8.3420, -16.4211



41.8645, 12.2637, 11.4477

Square

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



41.8645, -8.3421, -16.4203



41.8645, 15.3761, -4.1570



41.8645, 4.2414, 15.0262



41.8645, -17.3455, 7.8315

Rectangle

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



41.8637, -8.3420, -16.4211



41.8645, 6.5703, -15.0636



41.8645, 4.2414, 15.0262



41.8645, -10.3697, 14.3861

Sweetspot

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



41.8645, -8.3421, -16.4203



68.2439, -7.4880, -3.6337



49.7296, -29.0159, 15.5471



32.2056, -3.7313, -2.1603



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



41.8645, -8.3421, -16.4203



52.0391, -10.6151, -27.8592



31.0028, 10.6261, -37.5204



25.7715, -2.2115, -0.0993



29.8840, -2.9179, -31.0536



4.5021, -1.6071, -2.1579

Inverse Universe

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



35.4791, 32.0719, -8.3469



42.9479, 51.9335, -12.3481



51.2247, -7.2621, 24.5367



25.0695, 1.4421, 0.2899



25.1134, 45.8332, -5.6768



3.1823, 6.0026, -2.2290

Previews

White Background



This preview shows how the HunterLab color 41.8637, -8.3420, -16.4211 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 41.8637, -8.3420, -16.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

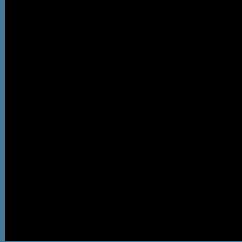
Any Text WCAG AA ✓ Pass

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 41.8637, -8.3420, -16.4211 Background



This preview shows how black text looks on a background with the HunterLab color 41.8637, -8.3420, -16.4211.

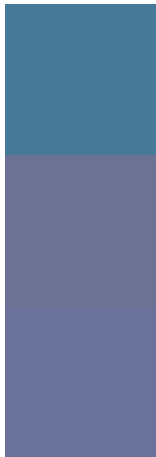


This preview shows how white text looks on a background with the HunterLab color 41.8637, -8.3420, -16.4211.

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

41.8637, -8.3420, -16.4211

Protanopia

41.6285, 2.0520, -13.6278

Deuteranopia

41.7515, 3.0090, -17.6343



Tritanopia

41.8812, -14.1058, -6.8895

Trichromacy



Original Color

41.8637, -8.3420, -16.4211

Protanomaly

41.6238, -2.0596, -14.8895

Deuteranomaly

41.6529, -1.6464, -17.2604

Tritanomaly

41.8709, -12.1832, -10.0954

Monochromacy



Original Color

41.8637, -8.3420, -16.4211

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.0026, -5.1113, -4.1968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8637, -8.3420, -16.4211 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(71, 122, 152)` looks like.

```
.text, #text, p{  
    color:rgb(71, 122, 152)  
}
```

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(71, 122, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 122, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8637, -8.3420, -16.4211 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(71, 122, 152) }
```


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

```
.border{ border-color:rgb(71, 122, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 122, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 122, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 122, 152);  
box-shadow:4px 4px 4px 4px rgb(71, 122,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8637, -8.3420, -16.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 122, 152) }
```

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

```
.background{ background-color: rgb(71, 122,  
152) }
```

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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