

Converting Colors

HunterLab(42.9766, 11.6901,
-62.0071)

Have a look what the booklet for
HunterLab(42.9766, 11.6901,
-62.0071) contains.

HunterLab(42.9766, 11.6901, -62.0071)	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(42.9766, 11.6901,
-62.0071)**

Conversions

Conversions Part 1

Format	Color
Hex	4673D7
RGB	70, 115, 215
RGB Percent	27%, 45%, 84%
CMY	0.7255, 0.5490, 0.1569
CMYK	0.67, 0.47, 0.00, 0.16
HSL	221°, 64%, 56%
HSV	221°, 67%, 84%
XYZ	20.9223, 18.4699, 66.7523
YIQ	112.9450, -58.9200, 21.5600

Conversions

Conversions Part 2

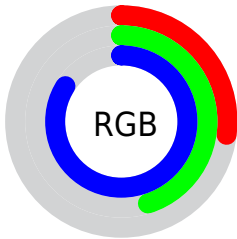
Format	Color
R_{YB}	70, 104, 215
Decimal	4617175
CIE Lab	50.06, 17.15, -56.00
CIE LCh	50, 58.571, 287.029
Yxy	18.4704, 0.1971, 0.1740
Android (android.graphics.Color)	4282807255 (0xFF4673D7)
YUV	112.9450, 50.3131, -37.6628
Hunter-Lab	42.9766, 11.6901, -62.0071

Details

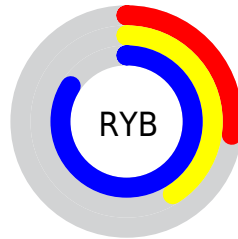
The HunterLab color **42.9766, 11.6901, -62.0071** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **66.0623, 1.9459, 35.5396**, and the grayscale version is **40.4459, -2.1581, 2.1975**.

A 20% lighter version of the original color is **62.8323, 7.5403, -50.4251**, and **25.7632, 12.5948, -59.3903** is the 20% darker color. If you saturate the color by 10%, you get **38.3336, 17.1179, -75.5165**, and if you desaturate by 10%, it is **48.0379, 7.3077, -49.6209**.

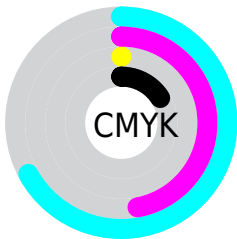
Distribution



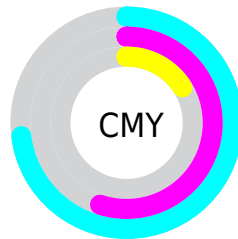
- Red (27%)
- Green (45%)
- Blue (84%)



- Red (27%)
- Yellow (41%)
- Blue (84%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9766, 11.6901, -62.0071 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 42.9766, 11.6901, -62.0071 by changing the saturation by 10% instead.

■ 42.9766, 11.6901,
-62.0071

■ 42.9766, 11.6901,
-62.0071

■ 156.0479, 12.4388,
-68.4078

■ 33.5980, 11.2261,
-61.9337

■ 63.9041, 12.3327,
-63.0803

■ 25.0221, 10.6443,
-62.5736

■ 75.3597, 12.5318,
-63.8160

■ 17.3334, 9.9235,
-64.7056

■ 87.4282, 12.6607,
-64.5984

■ 10.6493, 9.0356,
-70.4717

■ 100.0799, 12.7257,
-65.3948

■ 0.8272, 90.3181,
-571.3937

■ 113.2891, 12.7320,
-66.1847

0.0000, NaN, -NF

0.0000, NaN, -NF

127.0332, 12.6840,

-66.9552

0.0000, NaN, -NF

141.2921, 12.5852,
-67.6980

0.0000, NaN, NaN

■ 42.9766, 11.6901,
-62.0071

■ 42.9766, 11.6901,
-62.0071

■ 38.3336, 17.1179,
-75.5165

■ 48.0379, 7.3077,
-49.6209

■ 34.1918, 23.6604,
-89.9994

■ 53.4453, 3.8285,
-38.3213

■ 30.6382, 31.1951,
-104.9875

■ 59.1443, 1.1048,
-27.9851

■ 29.8110, 33.1925,
-108.9142

■ 65.0915, -0.9966,
-18.4687

■ 71.2532, -2.5872,
-9.6357

■ 77.6028, -3.7574,
-1.3664

■ 84.1192, -4.5794,
6.4396

■ 90.7852, -5.1107,
13.8652

■ 96.7380, -8.3654,
20.0599

Harmonies

Analogous

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



42.9773, -11.9356, -63.7624



42.9766, 11.6901, -62.0071



42.9773, 35.8302, -38.2564

Triad

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



42.9773, 11.6910, -62.0059



42.9773, 32.8747, 23.3514



42.9773, -37.9400, 10.8803

Complementary

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



42.9766, 11.6901, -62.0071



66.0623, 1.9459, 35.5396

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.



42.9773, -30.5112, 22.4828



42.9766, 11.6901, -62.0071



42.9773, 8.2773, 26.6390

Square

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



42.9773, 11.6910, -62.0059



42.9773, 49.7418, 13.0812



42.9773, -14.6944, 26.4401



42.9773, -37.4103, -12.1778

Rectangle

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



42.9766, 11.6901, -62.0071



42.9773, 47.4713, -17.9411



42.9773, -14.6944, 26.4401



42.9773, -36.3715, 15.9153

Sweetspot

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



42.9773, 11.6910, -62.0059



84.3518, -2.6618, -14.5682



72.6440, -43.5908, 13.3290



38.0408, -0.9847, -8.1380

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.9773, 11.6910, -62.0059



44.2359, 24.0505, -99.1252



34.3609, 40.3515, -89.0541



35.5403, -1.6554, -1.3805



23.4141, 24.6661, -82.5128



6.9031, 3.2342, -15.6099

Inverse Universe

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



44.7956, 54.3396, 7.0859



49.5912, 76.1630, 13.3736



77.3228, -28.5495, 42.7020



35.3322, 1.7253, 1.6917



29.8300, 51.9469, 12.5921



7.4258, 13.1241, 1.6419

Previews

White Background



This preview shows how the HunterLab color 42.9766, 11.6901, -62.0071 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 42.9766, 11.6901, -62.0071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

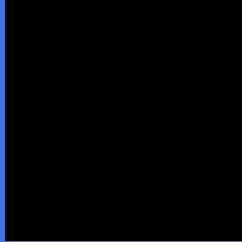
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

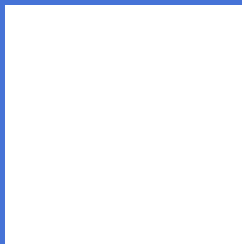
Any Text WCAG AAA × Fail

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

HunterLab 42.9766, 11.6901, -62.0071 Background



This preview shows how black text looks on a background with the HunterLab color 42.9766, 11.6901, -62.0071.



This preview shows how white text looks on a background with the HunterLab color 42.9766, 11.6901, -62.0071.

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

42.9766, 11.6901, -62.0071

Protanopia

42.9336, 11.5546, -62.1246

Deuteranopia

43.1288, 3.6288, -60.8181



Tritanopia

42.9599, -20.6086, -9.2081

Trichromacy



Original Color

42.9766, 11.6901, -62.0071

Protanomaly

42.9336, 11.5546, -62.1246

Deuteranomaly

42.8436, 5.5589, -61.5421

Tritanomaly

42.4181, -11.0125, -26.5211

Monochromacy



Original Color

42.9766, 11.6901, -62.0071

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.9610, 0.0133, -16.5255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9766, 11.6901, -62.0071 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(70, 115, 215)` looks like.

```
.text, #text, p{  
    color:rgb(70, 115, 215)  
}
```

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(70, 115, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 115, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9766, 11.6901, -62.0071 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(70, 115, 215) }
```


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

```
.border{ border-color:rgb(70, 115, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 115, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 115, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 115, 215);  
box-shadow:4px 4px 4px 4px rgb(70, 115,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9766, 11.6901, -62.0071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 115, 215) }
```

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

```
.background{ background-color: rgb(70, 115,  
215) }
```

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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