

Converting Colors

HunterLab(35.9503, 16.0160,
-71.7829)

Have a look what the booklet for
HunterLab(35.9503, 16.0160,
-71.7829) contains.

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Color

**HunterLab(35.8571, 16.1861,
-72.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	2A5ECC
RGB	42, 94, 204
RGB Percent	16%, 37%, 80%
CMY	0.8352, 0.6314, 0.2000
CMYK	0.79, 0.54, 0.00, 0.20
HSL	221°, 66%, 48%
HSV	221°, 79%, 80%
XYZ	15.8567, 12.8573, 58.7728
YIQ	90.9920, -66.3020, 23.1860

Conversions

Conversions Part 2

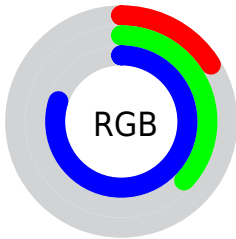
Format	Color
R_{YB}	42, 81, 204
Decimal	2776780
CIE _{Lab}	42.55, 22.89, -61.90
CIE _{LCh}	43, 65.996, 290.296
Yxy	12.8577, 0.1813, 0.1470
Android (android.graphics.Color)	4280966860 (0xFF2A5ECC)
YUV	90.9920, 55.7129, -42.9660
Hunter-Lab	35.8571, 16.1861, -72.0813

Details

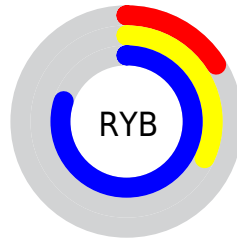
The HunterLab color **35.8571, 16.1861, -72.0813** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **59.5534, 5.3359, 34.6078**, and the grayscale version is **32.1614, -1.7161, 1.7474**.

A 20% lighter version of the original color is **55.3870, 15.3327, -66.8768**, and **20.8963, 19.1532, -67.4649** is the 20% darker color. If you saturate the color by 10%, you get **32.0699, 22.3637, -85.4624**, and if you desaturate by 10%, it is **40.1142, 11.0490, -59.5241**.

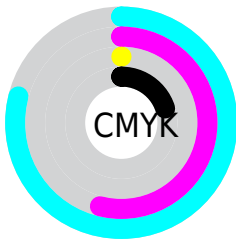
Distribution



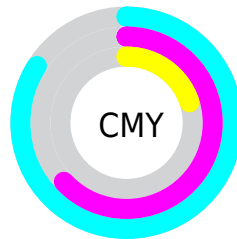
- Red (16%)
- Green (37%)
- Blue (80%)



- Red (16%)
- Yellow (32%)
- Blue (80%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8571, 16.1861, -72.0813 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 35.8571, 16.1861, -72.0813 by changing the saturation by 10% instead.

■ 35.8571, 16.1861,
-72.0813

■ 35.8571, 16.1861,
-72.0813

■ 144.9149, 19.5845,
-77.6547

■ 27.0751, 15.3387,
-73.0463

■ 55.7206, 17.5254,
-72.2683

■ 19.1565, 14.3460,
-75.6806

■ 66.6931, 18.0433,
-72.8406

■ 12.2089, 13.1923,
-82.1400

■ 78.3041, 18.4748,
-73.5550

■ 5.3111, 18.4982,
-121.9880

■ 90.5202, 18.8283,
-74.3460

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.3128, 19.1108,
-75.1732

0.0000, NaN, -NF

116.6570, 19.3278,

0.0000, NaN, NaN

-76.0107

0.0000, NaN, NaN

130.5309, 19.4844,
-76.8416

■ 35.8571, 16.1861,
-72.0813

■ 35.8571, 16.1861,
-72.0813

■ 32.0699, 22.3637,
-85.4624

■ 40.1142, 11.0490,
-59.5241

■ 28.8069, 29.3968,
-99.3131

■ 44.7631, 6.8955,
-47.9631

■ 28.6258, 29.8239,
-100.1610

■ 49.7398, 3.6039,
-37.3833

■ 54.9926, 1.0380,
-27.6870

■ 60.4807, -0.9272,
-18.7507

■ 66.1723, -2.3973,
-10.4525

■ 72.0419, -3.4586,
-2.6839

■ 78.0695, -4.1808,
4.6476

■ 84.2387, -4.6192,
11.6187

Harmonies

Analogous

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



35.8576, -9.6106, -77.8357



35.8571, 16.1861, -72.0813



35.8576, 42.6879, -40.8518

Triad

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



35.8576, 16.1874, -72.0803



35.8576, 33.9515, 22.2584



35.8576, -37.8753, 8.7923

Complementary

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



35.8571, 16.1861, -72.0813



59.5534, 5.3359, 34.6078

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.



35.8576, -31.7425, 20.5286



35.8571, 16.1861, -72.0813



35.8576, 6.4895, 24.1400

Square

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



35.8576, 16.1874, -72.0803



35.8576, 54.7267, 14.3991



35.8576, -17.0143, 23.7755



35.8576, -36.5978, -17.6384

Rectangle

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



35.8571, 16.1861, -72.0813



35.8576, 54.9886, -16.9782



35.8576, -17.0143, 23.7755



35.8576, -36.6937, 14.1333

Sweetspot

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



35.8576, 16.1874, -72.0803



81.5312, -2.2286, -18.5992



67.7353, -44.6076, 15.6987



36.5038, -0.6990, -10.4090

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



35.8576, 16.1874, -72.0803



38.3402, 34.9123, -122.0669



26.9857, 46.5885, -108.0695



33.7964, -1.6228, -1.2557



23.0389, 22.7640, -77.9376



6.4127, 2.3818, -13.1569

Inverse Universe

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



39.1185, 58.1715, 9.0727



47.2103, 80.8981, 18.2201



72.5953, -28.3359, 42.4467



33.5738, 1.6334, 1.5666



28.8770, 50.3491, 11.7118



6.6638, 11.8205, 1.1392

Previews

White Background



This preview shows how the HunterLab color 35.8571, 16.1861, -72.0813 looks on a white background.

Color Contrast Check

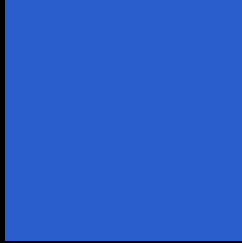
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8571, 16.1861, -72.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

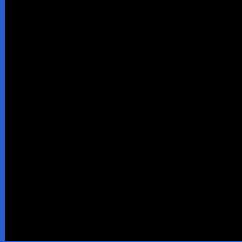
Any Text WCAG AA ✗ Fail

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 35.8571, 16.1861, -72.0813 Background



This preview shows how black text looks on a background with the HunterLab color 35.8571, 16.1861, -72.0813.



This preview shows how white text looks on a background with the HunterLab color 35.8571, 16.1861, -72.0813.

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

35.8571, 16.1861, -72.0813

Protanopia

35.7401, 13.3813, -73.5583

Deuteranopia

35.6049, 1.2969, -47.3026



Tritanopia

35.6046, -17.4159, -6.9068

Trichromacy



Original Color

35.8571, 16.1861, -72.0813

Protanomaly

35.6283, 14.3478, -73.9108

Deuteranomaly

35.5149, 6.3464, -56.4913

Tritanomaly

35.1776, -7.4013, -26.3769

Monochromacy



Original Color

35.8571, 16.1861, -72.0813

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.7669, 1.1629, -19.2887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8571, 16.1861, -72.0813 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(42, 94, 204)` looks like.

```
.text, #text, p{  
    color:rgb(42, 94, 204)  
}
```

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(42, 94, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 94, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8571, 16.1861, -72.0813 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(42, 94, 204) }
```


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

```
.border{ border-color:rgb(42, 94, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 94, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 94, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 94, 204);  
box-shadow:4px 4px 4px 4px rgb(42, 94,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8571, 16.1861, -72.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 94, 204) }
```

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

```
.background{ background-color: rgb(42, 94,  
204) }
```

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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