

Converting Colors

HunterLab(42.3362, 21.3335,
-83.6228)

Have a look what the booklet for
HunterLab(42.3362, 21.3335,
-83.6228) contains.

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Color

**HunterLab(42.2866, 21.4176,
-83.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	426CEB
RGB	66, 108, 235
RGB Percent	26%, 42%, 92%
CMY	0.7411, 0.5765, 0.0784
CMYK	0.72, 0.54, 0.00, 0.08
HSL	225°, 81%, 59%
HSV	225°, 72%, 92%
XYZ	22.6048, 17.8816, 80.8574
YIQ	109.9200, -65.7990, 30.5930

Conversions

Conversions Part 2

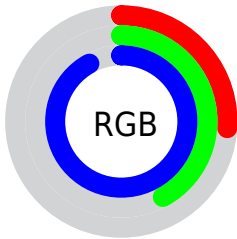
Format	Color
R _{YB}	66, 100, 235
Decimal	4353259
CIE _{Lab}	49.35, 28.09, -68.44
CIE _{LCh}	49, 73.978, 292.319
Yxy	17.8820, 0.1863, 0.1474
Android (android.graphics.Color)	4282543339 (0xFF426CEB)
YUV	109.9200, 61.6644, -38.5178
Hunter-Lab	42.2866, 21.4176, -83.7695

Details

The HunterLab color $42.2866, 21.4176, -83.7695$ 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 $74.9674, -1.8609, 42.0842$, and the grayscale version is $39.2484, -2.0942, 2.1324$.

A 20% lighter version of the original color is $60.8971, 11.4966, -54.3852$, and $25.8062, 22.3382, -80.4772$ is the 20% darker color. If you saturate the color by 10%, you get $37.2438, 29.0308, -101.6656$, and if you desaturate by 10%, it is $47.9403, 15.0804, -67.4010$.

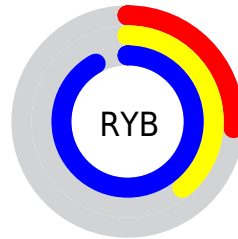
Distribution



Red (26%)

Green (42%)

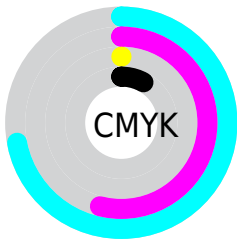
Blue (92%)



Red (26%)

Yellow (39%)

Blue (92%)

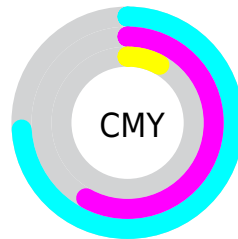


Cyan (72%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (74%)

Magenta (58%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2866, 21.4176, -83.7695 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 42.2866, 21.4176, -83.7695 by changing the saturation by 10% instead.

■ 42.2866, 21.4176,
-83.7695

■ 42.2866, 21.4176,
-83.7695

■ 154.9856, 26.2257,
-89.5197

■ 32.9626, 20.4121,
-84.6583

■ 63.1159, 23.0812,
-83.9445

■ 24.4466, 19.2692,
-86.9533

■ 74.5268, 23.7608,
-84.5092

■ 16.8247, 17.9789,
-92.1190

■ 86.5529, 24.3523,
-85.2278

■ 10.2176, 16.5558,
-104.2453

■ 99.1642, 24.8638,
-86.0359

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.3346, 25.3016,
-86.8923

0.0000, NaN, -NF

■ 126.0415, 25.6714,

0.0000, NaN, -NF

-87.7696

0.0000, NaN, NaN

140.2645, 25.9781,
-88.6496

■ 42.2866, 21.4176,
-83.7695

■ 42.2866, 21.4176,
-83.7695

■ 37.2438, 29.0308,
-101.6656

■ 47.9403, 15.0804,
-67.4010

■ 32.9540, 37.8027,
-120.4432

■ 54.0847, 9.9012,
-52.6622

■ 30.1062, 45.3108,
-135.4431

■ 60.6295, 5.6986,
-39.4020

■ 67.5062, 2.2918,
-27.3945

■ 74.6634, -0.4740,
-16.4154

■ 82.0619, -2.7233,
-6.2687

■ 89.6715, -4.5545,
3.2073

■ 97.4686, -6.0443,
12.1430

■ 99.3872, -8.7032,
14.2016

Harmonies

Analogous

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



42.2872, -9.5516, -93.1780



42.2866, 21.4176, -83.7695



42.2872, 52.4182, -45.5216

Triad

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



42.2872, 21.4191, -83.7683



42.2872, 38.1364, 26.5746



42.2872, -44.9613, 8.8766

Complementary

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



42.2866, 21.4176, -83.7695



74.9674, -1.8609, 42.0842

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.



42.2872, -38.3397, 23.7435



42.2866, 21.4176, -83.7695



42.2872, 5.5648, 28.4467

Square

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



42.2872, 21.4191, -83.7683



42.2872, 63.7637, 18.0534



42.2872, -21.6546, 27.9486



42.2872, -42.8736, -23.6323

Rectangle

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



42.2866, 21.4176, -83.7695



42.2872, 66.1947, -17.5023



42.2872, -21.6546, 27.9486



42.2872, -43.7616, 15.5928

Sweetspot

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



42.2872, 21.4191, -83.7683



81.7655, -0.4686, -18.2268



80.2589, -48.0344, 11.4500



36.8267, 0.1386, -9.9069

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2872, 21.4191, -83.7683



38.6445, 36.0197, -120.7080



36.1945, 50.8790, -105.5569



38.9319, -1.4878, -1.8075



22.8340, 32.6121, -98.9406



7.4689, 6.1248, -22.5572

Inverse Universe

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



47.5845, 62.7131, 12.7418



48.2132, 77.4748, 19.1179



84.3301, -36.1941, 47.7051



38.8786, 1.8361, 2.1464



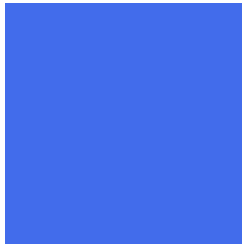
31.6530, 54.8050, 15.8164



8.9539, 15.6673, 3.2014

Previews

White Background



This preview shows how the HunterLab color 42.2866, 21.4176, -83.7695 looks on a white background.

Color Contrast Check

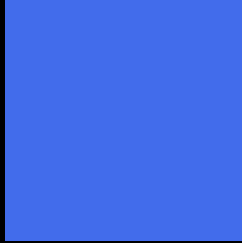
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2866, 21.4176, -83.7695 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 42.2866, 21.4176, -83.7695 Background



This preview shows how black text looks on a background with the HunterLab color 42.2866, 21.4176, -83.7695.



This preview shows how white text looks on a background with the HunterLab color 42.2866, 21.4176, -83.7695.

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

42.2866, 21.4176, -83.7695

Protanopia

42.2141, 16.5046, -88.3927

Deuteranopia

42.0698, 2.1541, -57.2337



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

42.2866, 21.4176, -83.7695

Protanomaly

42.1143, 17.4006, -87.6231

Deuteranomaly

41.7916, 8.1531, -67.2372

Tritanomaly

41.1399, -7.5454, -32.4930

Monochromacy



Original Color

42.2866, 21.4176, -83.7695

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.6024, 2.8176, -21.9744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2866, 21.4176, -83.7695 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(66, 108, 235)` looks like.

```
.text, #text, p{  
    color:rgb(66, 108, 235)  
}
```

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(66, 108, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 108, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2866, 21.4176, -83.7695 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(66, 108, 235) }
```


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

```
.border{ border-color:rgb(66, 108, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 108, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 108, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 108, 235);  
box-shadow:4px 4px 4px 4px rgb(66, 108,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2866, 21.4176, -83.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 108, 235) }
```

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

```
.background{ background-color: rgb(66, 108,  
235) }
```

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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