

Converting Colors

HunterLab(21.7146, 46.9230,
-85.6203)

Have a look what the booklet for
HunterLab(21.7146, 46.9230,
-85.6203) contains.

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Color

**HunterLab(21.7146, 46.9230,
-85.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0CA7
RGB	79, 12, 167
RGB Percent	31%, 5%, 65%
CMY	0.6902, 0.9530, 0.3451
CMYK	0.53, 0.93, 0.00, 0.35
HSL	266°, 87%, 35%
HSV	266°, 93%, 65%
XYZ	10.3310, 4.7152, 36.9249
YIQ	49.7030, -9.8230, 62.4090

Conversions

Conversions Part 2

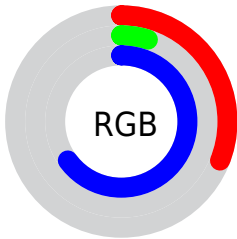
Format	Color
RYB	79, 12, 167
Decimal	5180583
CIELab	25.91, 57.98, -67.22
CIElCh	26, 88.770, 310.783
Yxy	4.7153, 0.1988, 0.0907
Android (android.graphics.Color)	4283370663 (0xFF4F0CA7)
YUV	49.7030, 57.8274, 25.6935
Hunter-Lab	21.7146, 46.9230, -85.6203

Details

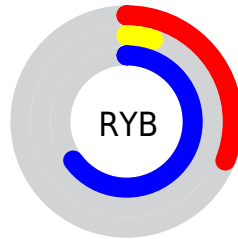
The HunterLab color **21.7146, 46.9230, -85.6203** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **55.1117, -34.4539, 32.9823**, and the grayscale version is **17.5751, -0.9378, 0.9549**.

A 20% lighter version of the original color is **39.0352, 50.8269, -81.0934**, and **10.9190, 29.6179, -77.5844** is the 20% darker color. If you saturate the color by 10%, you get **20.4333, 48.6466, -92.6394**, and if you desaturate by 10%, it is **23.9842, 43.4486, -74.8369**.

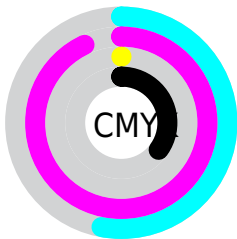
Distribution



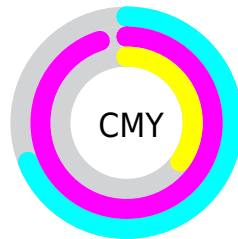
- Red (31%)
- Green (5%)
- Blue (65%)



- Red (31%)
- Yellow (5%)
- Blue (65%)



- Cyan (53%)
- Magenta (93%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7146, 46.9230, -85.6203 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 21.7146, 46.9230, -85.6203 by changing the saturation by 10% instead.

21.7146, 46.9230,
-85.6203

21.7146, 46.9230,
-85.6203

121.2604, 63.1026,
-85.3423

14.4265, 45.0715,
-92.0472

38.9881, 51.0860,
-81.6566

8.0873, 45.2686,
-109.8094

48.8065, 53.1015,
-81.3944

0.0000, INF, -NF

0.0000, NaN, -NF

59.3337, 55.0212,
-81.6268

0.0000, NaN, -NF

70.5248, 56.8374,
-82.1478

0.0000, NaN, -NF

82.3426, 58.5497,
-82.8395

0.0000, NaN, NaN

0.0000, NaN, NaN

94.7554, 60.1616,

-83.6300

0.0000, NaN, NaN

107.7359, 61.6776,
-84.4741

21.7146, 46.9230,
-85.6203

21.7146, 46.9230,
-85.6203

20.4333, 48.6466,
-92.6394

23.9842, 43.4486,
-74.8369

27.0037, 38.4250,
-62.9587

30.6583, 32.6343,
-51.2392

34.8275, 26.6052,
-40.3120

39.4093, 20.6097,
-30.3578

■ 44.3247, 14.7580,
-21.3320

■ 49.5143, 9.0772,
-13.1079

■ 54.9340, 3.5578,
-5.5460

■ 60.5501, -1.8230,
1.4802

Harmonies

Analogous

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



21.7148, 9.9644, -135.4710



21.7146, 46.9230, -85.6203



21.7148, 77.6087, -23.6286

Triad

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



21.7148, 46.9244, -85.6195



21.7148, 19.7655, 15.2004



21.7148, -33.0907, -10.8761

Complementary

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



21.7146, 46.9230, -85.6203



55.1117, -34.4539, 32.9823

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.



21.7148, -32.4126, 12.2383



21.7146, 46.9230, -85.6203



21.7148, -10.4156, 15.2004

Square

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



21.7148, 46.9244, -85.6195



21.7148, 57.1678, 15.2004



21.7148, -26.4677, 15.2004



21.7148, -28.8809, -66.8945

Rectangle

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



21.7146, 46.9230, -85.6203



21.7148, 84.2067, 1.8760



21.7148, -26.4677, 15.2004



21.7148, -33.4036, 0.4643

Sweetspot

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



21.7148, 46.9244, -85.6195



62.2696, 16.4458, -23.6842



35.2885, -1.4651, -39.7063



28.1056, 9.2916, -13.4281



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



21.7148, 46.9244, -85.6195



27.1305, 64.8787, -125.2341



31.5137, 60.6775, -48.3023



27.3005, 0.7901, -1.4463



17.9522, 42.6358, -80.5850



3.2993, 7.2244, -10.0722

Inverse Universe

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



30.6567, 53.2977, -3.4903



40.1805, 72.3725, -1.6490



52.7918, -44.0887, 31.3677



27.5880, 1.5596, 0.5022



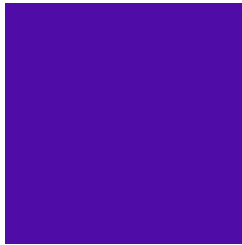
26.3175, 47.4994, -1.8308



4.2247, 7.8393, -1.9545

Previews

White Background



This preview shows how the HunterLab color 21.7146, 46.9230, -85.6203 looks on a white background.

Color Contrast Check

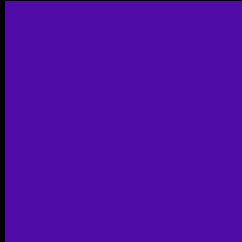
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.7146, 46.9230, -85.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

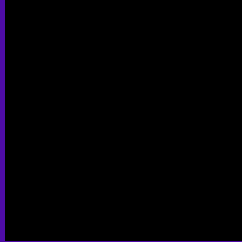
Any Text WCAG AA × Fail

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 21.7146, 46.9230, -85.6203 Background



This preview shows how black text looks on a background with the HunterLab color 21.7146, 46.9230, -85.6203.



This preview shows how white text looks on a background with the HunterLab color 21.7146, 46.9230, -85.6203.

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

21.7146, 46.9230, -85.6203

Protanopia

22.1269, 6.1715, -40.9793

Deuteranopia

22.1014, -1.1172, -25.2131



Tritanopia

22.3704, -4.4208, -2.0924

Trichromacy



Original Color

21.7146, 46.9230, -85.6203

Protanomaly

19.8544, 21.4728, -63.8115

Deuteranomaly

19.5625, 16.0692, -51.6722

Tritanomaly

19.8878, 14.0400, -28.1504

Monochromacy



Original Color

21.7146, 46.9230, -85.6203

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.4475, 15.8233, -24.1633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7146, 46.9230, -85.6203 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(79, 12, 167)` looks like.

```
.text, #text, p{  
    color:rgb(79, 12, 167)  
}
```

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(79, 12, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 12, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7146, 46.9230, -85.6203 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(79, 12, 167) }
```


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

```
.border{ border-color:rgb(79, 12, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 12, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 12, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 12, 167);  
box-shadow:4px 4px 4px 4px rgb(79, 12,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7146, 46.9230, -85.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 12, 167) }
```

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

```
.background{ background-color: rgb(79, 12,  
167) }
```

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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