

Converting Colors

HunterLab(46.5260, -7.2999,
-26.8504)

Have a look what the booklet for
HunterLab(46.5260, -7.2999,
-26.8504) contains.

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Color

HunterLab(46.5709, -7.1745,
-27.0843)

Conversions

Conversions Part 1

Format	Color
Hex	4686B5
RGB	70, 134, 181
RGB Percent	27%, 53%, 71%
CMY	0.7255, 0.4745, 0.2902
CMYK	0.61, 0.26, 0.00, 0.29
HSL	205°, 44%, 49%
HSV	205°, 61%, 71%
XYZ	19.3914, 21.6885, 46.8803
YIQ	120.2220, -53.2310, 1.0490

Conversions

Conversions Part 2

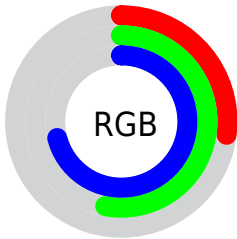
Format	Color
RYB	70, 111, 181
Decimal	4622005
CIELab	53.70, -6.06, -30.86
CIElCh	54, 31.447, 258.887
Yxy	21.6893, 0.2205, 0.2466
Android (android.graphics.Color)	4282812085 (0xFF4686B5)
YUV	120.2220, 29.9636, -44.0447
Hunter-Lab	46.5709, -7.1745, -27.0843

Details

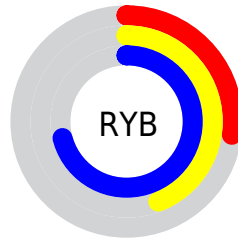
The HunterLab color $46.5709, -7.1745, -27.0843$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $47.9477, 14.8343, 22.6386$, and the grayscale version is $43.3278, -2.3119, 2.3541$.

A 20% lighter version of the original color is $68.0031, -8.8696, -28.1071$, and $28.3822, -4.7343, -25.2552$ is the 20% darker color. If you saturate the color by 10%, you get $43.6715, -5.8941, -32.5440$, and if you desaturate by 10%, it is $49.6617, -7.8385, -21.7280$.

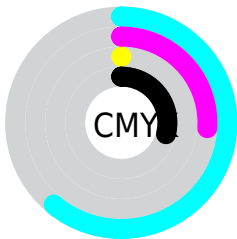
Distribution



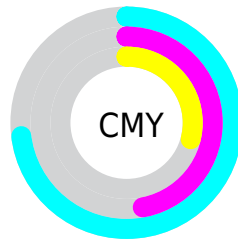
- Red (27%)
- Green (53%)
- Blue (71%)



- Red (27%)
- Yellow (44%)
- Blue (71%)



- Cyan (61%)
- Magenta (26%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.5709, -7.1745, -27.0843 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 46.5709, -7.1745, -27.0843 by changing the saturation by 10% instead.

■ 46.5709, -7.1745,
-27.0843

■ 46.5709, -7.1745,
-27.0843

161.5299,
-15.8036, -30.3434

■ 36.9171, -6.2947,
-26.4950

■ 67.9940, -8.9728,
-28.1659

■ 28.0409, -5.4231,
-25.9208

■ 79.6761, -9.8955,
-28.6350

■ 20.0184, -4.5523,
-25.4556

■ 91.9597, -10.8353,
-29.0507

■ 12.9525, -3.6682,
-25.3559

■ 104.8168,
-11.7928, -29.4124

■ 6.3964, -4.4709,
-29.8747

■ 118.2229,
-12.7683, -29.7211

0.0000, NaN, -NF

132.1563,

0.0000, NaN, -NF

-13.7619, -29.9780

0.0000, NaN, NaN

146.5977,
-14.7737, -30.1848

0.0000, NaN, NaN

■ 46.5709, -7.1745,
-27.0843

■ 46.5709, -7.1745,
-27.0843

■ 43.6715, -5.8941,
-32.5440

■ 49.6617, -7.8385,
-21.7280

■ 40.9745, -3.9555,
-38.0786

■ 52.9269, -7.9410,
-16.4980

■ 38.4899, -1.3427,
-43.6472

■ 56.3527, -7.5402,
-11.4029

■ 36.4819, 1.3640,
-48.5437

■ 59.9252, -6.6925,
-6.4446

■ 63.6319, -5.4505,
-1.6193

■ 67.4614, -3.8611,
3.0805

■ 71.4034, -1.9656,
7.6640

■ 75.4491, 0.1998,
12.1413

■ 79.5904, 2.6043,
16.5227

Harmonies

Analogous

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



46.5717, -17.7061, -18.9854



46.5709, -7.1745, -27.0843



46.5717, 5.8198, -25.7847

Triad

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



46.5717, -7.1743, -27.0833



46.5717, 23.3919, 9.5467



46.5717, -19.7464, 15.5383

Complementary

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



46.5709, -7.1745, -27.0843



47.9477, 14.8343, 22.6386

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.



46.5717, -10.2504, 19.7948



46.5709, -7.1745, -27.0843



46.5717, 14.9774, 17.0428

Square

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



46.5717, -7.1743, -27.0833



46.5717, 24.4471, -2.2480



46.5717, 2.3925, 20.2580



46.5717, -24.4201, 6.8591

Rectangle

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



46.5709, -7.1745, -27.0843



46.5717, 14.1360, -19.8350



46.5717, 2.3925, 20.2580



46.5717, -17.0635, 17.4197

Sweetspot

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



46.5717, -7.1743, -27.0833



81.6770, -8.5067, -6.6547



59.6802, -37.9893, 19.6176



37.3174, -4.1540, -3.9641



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



46.5717, -7.1743, -27.0833



56.9985, -6.9798, -46.4422



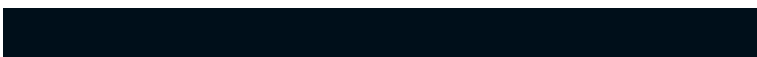
32.0429, 20.1386, -60.7929



30.0275, -2.4050, -0.3097



30.5199, 0.7318, -39.7271



6.3692, -1.4055, -4.9269

Inverse Universe

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



39.9076, 44.4423, -8.1405



48.4846, 70.6563, -10.1708



62.9893, -11.4244, 33.1587



29.2996, 1.6968, 0.4935



27.3504, 49.4275, -2.3969



4.9672, 9.1839, -2.0411

Previews

White Background



This preview shows how the HunterLab color 46.5709, -7.1745, -27.0843 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 46.5709, -7.1745, -27.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

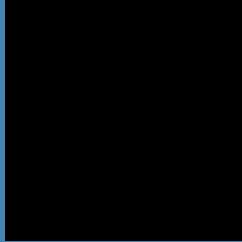
Any Text WCAG AA ✓ Pass

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 46.5709, -7.1745, -27.0843 Background



This preview shows how black text looks on a background with the HunterLab color 46.5709, -7.1745, -27.0843.

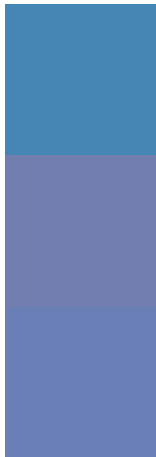


This preview shows how white text looks on a background with the HunterLab color 46.5709, -7.1745, -27.0843.

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

46.5709, -7.1745, -27.0843

Protanopia

46.3978, 3.4752, -23.1759

Deuteranopia

46.6084, 3.4565, -28.2088



Tritanopia

46.7240, -18.3693, -8.6828

Trichromacy



Original Color

46.5709, -7.1745, -27.0843

Protanomaly

46.2777, -1.0818, -24.7935

Deuteranomaly

46.6072, -0.9735, -27.5968

Tritanomaly

46.6666, -14.5968, -14.9287

Monochromacy



Original Color

46.5709, -7.1745, -27.0843

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.0965, -5.5382, -7.3336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.5709, -7.1745, -27.0843 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, 134, 181)` looks like.

```
.text, #text, p{  
    color:rgb(70, 134, 181)  
}
```

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, 134, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 134, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 46.5709, -7.1745, -27.0843 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, 134, 181) }
```


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

```
.border{ border-color:rgb(70, 134, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 134, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 134, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 134, 181);  
box-shadow:4px 4px 4px 4px rgb(70, 134,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.5709, -7.1745, -27.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 134, 181) }
```

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

```
.background{ background-color: rgb(70, 134,  
181) }
```

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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