

Converting Colors

HunterLab(46.2009, 29.5958,
-70.9646)

Have a look what the booklet for
HunterLab(46.2009, 29.5958,
-70.9646) contains.

HunterLab(46.1555, 29.8172, -71.0305)	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>	30

Color

**HunterLab(46.1555, 29.8172,
-71.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6EEA
RGB	123, 110, 234
RGB Percent	48%, 43%, 92%
CMY	0.5176, 0.5686, 0.0824
CMYK	0.47, 0.53, 0.00, 0.08
HSL	246°, 75%, 67%
HSV	246°, 53%, 92%
XYZ	28.5955, 21.3033, 80.4466
YIQ	128.0230, -32.0560, 41.3200

Conversions

Conversions Part 2

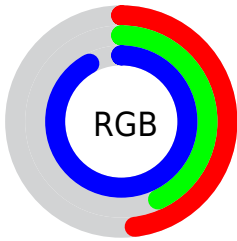
Format	Color
R _Y B	123, 110, 234
Decimal	8089322
CIE Lab	53.28, 36.42, -61.36
CIE LCh	53, 71.349, 300.689
Yxy	21.3040, 0.2194, 0.1634
Android (android.graphics.Color)	4286279402 (0xFF7B6EEA)
YUV	128.0230, 52.2467, -4.4052
Hunter-Lab	46.1555, 29.8172, -71.0305

Details

The HunterLab color $46.1555, 29.8172, -71.0305$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $86.8006, -24.2880, 42.9843$, and the grayscale version is $46.2812, -2.4694, 2.5145$.

A 20% lighter version of the original color is $65.4862, 21.7593, -44.9229$, and $27.7062, 26.9463, -71.4672$ is the 20% darker color. If you saturate the color by 10%, you get $39.3964, 38.4992, -92.1997$, and if you desaturate by 10%, it is $53.6196, 21.9719, -52.6495$.

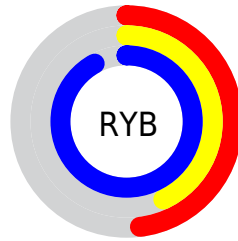
Distribution



Red (48%)

Green (43%)

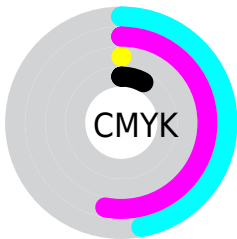
Blue (92%)



Red (48%)

Yellow (43%)

Blue (92%)

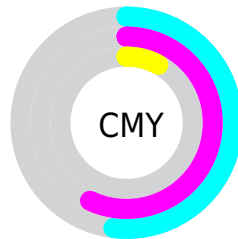


Cyan (47%)

Magenta (53%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (57%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1555, 29.8172, -71.0305 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 46.1555, 29.8172, -71.0305 by changing the saturation by 10% instead.

■ 46.1555, 29.8172,
-71.0305

■ 46.1555, 29.8172,
-71.0305

160.9005, 37.1882,
-77.5779

■ 36.5327, 28.5043,
-71.0856

■ 67.5225, 32.0888,
-71.9870

■ 27.6903, 27.0611,
-71.9160

■ 79.1789, 33.0657,
-72.7137

■ 19.7052, 25.4906,
-74.2849

■ 91.4382, 33.9488,
-73.5095

■ 12.6819, 23.8370,
-80.1389

■ 104.2720, 34.7455,
-74.3364

■ 6.0265, 27.9075,
-109.1398

117.6557, 35.4625,
-75.1701

0.0000, INF, -NF

0.0000, NaN, -NF

131.5676, 36.1053,

-75.9946

0.0000, NaN, -NF

145.9883, 36.6791,
-76.7996

0.0000, NaN, NaN

■ 46.1555, 29.8172,
-71.0305

■ 46.1555, 29.8172,
-71.0305

■ 39.3964, 38.4992,
-92.1997

■ 53.6196, 21.9719,
-52.6495

■ 33.5741, 47.8061,
-115.9401

■ 61.6244, 14.8867,
-36.6603

■ 29.0010, 56.8183,
-140.2764

■ 70.0599, 8.4166,
-22.5581

■ 25.9976, 63.5894,
-160.3937

■ 78.8493, 2.4219,
-9.9038

■ 24.7819, 66.4103,
-169.8027

■ 87.9377, -3.2114,
1.6471

■ 97.2846, -8.5718,
12.3553

■ 99.3582, -8.8632,
14.6181

Harmonies

Analogous

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



46.1563, -1.7883, -89.1169



46.1555, 29.8172, -71.0305



46.1563, 57.3840, -32.0157

Triad

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



46.1563, 29.8178, -71.0290



46.1563, 28.3525, 29.0315



46.1563, -46.2500, 1.8656

Complementary

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



46.1555, 29.8172, -71.0305



86.8006, -24.2880, 42.9843

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.



46.1563, -41.9205, 21.7533



46.1555, 29.8172, -71.0305



46.1563, -3.1384, 30.3632

Square

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



46.1563, 29.8178, -71.0290



46.1563, 56.4007, 22.3004



46.1563, -27.7615, 28.8819



46.1563, -41.4959, -33.8915

Rectangle

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



46.1555, 29.8172, -71.0305



46.1563, 67.0117, -6.9882



46.1563, -27.7615, 28.8819



46.1563, -45.8222, 10.3433

Sweetspot

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



46.1563, 29.8178, -71.0290



83.9010, 4.6603, -15.0751



78.2855, -29.1566, -11.2256



37.8861, 2.7842, -8.2963

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1563, 29.8178, -71.0290



42.5270, 43.7578, -104.9285



52.2806, 46.0724, -55.2572



38.2420, 0.1869, -2.6683



18.6455, 49.8342, -126.7343



5.4623, 14.1532, -33.6696

Inverse Universe

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



58.1936, 59.3769, -32.7951



59.1997, 78.7178, -43.0674



82.1001, -42.2389, 39.1967



39.0960, 3.0020, -0.9465



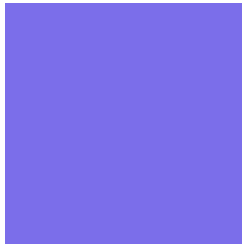
35.2714, 67.8054, -34.5882



9.9234, 19.1390, -10.2151

Previews

White Background



This preview shows how the HunterLab color 46.1555, 29.8172, -71.0305 looks on a white background.

Color Contrast Check

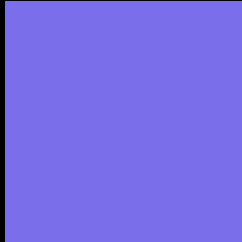
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1555, 29.8172, -71.0305 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 46.1555, 29.8172, -71.0305 Background



This preview shows how black text looks on a background with the HunterLab color 46.1555, 29.8172, -71.0305.



This preview shows how white text looks on a background with the HunterLab color 46.1555, 29.8172, -71.0305.

-71.0305.

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

46.1555, 29.8172, -71.0305

Protanopia

46.4880, 15.7428, -83.3068

Tritanopia

46.1515, -10.0821, -5.1227

Trichromacy



Original Color

46.1555, 29.8172, -71.0305

Protanomaly

45.8120, 19.7603, -80.1437

Tritanomaly

45.6793, 2.5677, -25.1205

Monochromacy



Original Color

46.1555, 29.8172, -71.0305

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

45.7169, 7.5201, -19.1112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1555, 29.8172, -71.0305 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(123, 110, 234)` looks like.

```
.text, #text, p{  
    color:rgb(123, 110, 234)  
}
```

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(123, 110, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 110, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1555, 29.8172, -71.0305 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(123, 110, 234) }
```

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

```
.border{ border-color:rgb(123, 110, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 110, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 110, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 110, 234);  
box-shadow:4px 4px 4px 4px rgb(123, 110,  
234) }
```


Background

The CSS property to change the background color of an element to HunterLab 46.1555, 29.8172, -71.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 110, 234) }
```

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

```
.background{ background-color: rgb(123,  
110, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor