

Converting Colors

HunterLab(42.1579, 12.9646,
-72.9747)

Have a look what the booklet for
HunterLab(42.1579, 12.9646,
-72.9747) contains.

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Color

**HunterLab(42.1579, 12.9646,
-72.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	2E71E0
RGB	46, 113, 224
RGB Percent	18%, 44%, 88%
CMY	0.8195, 0.5569, 0.1216
CMYK	0.79, 0.50, 0.00, 0.12
HSL	217°, 74%, 53%
HSV	217°, 79%, 88%
XYZ	20.4864, 17.7729, 72.8717
YIQ	105.6210, -75.5630, 20.3170

Conversions

Conversions Part 2

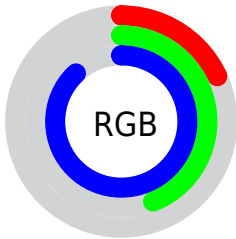
Format	Color
RYB	46, 95, 224
Decimal	3043808
CIELab	49.22, 18.67, -62.49
CIELCh	49, 65.224, 286.633
Yxy	17.7734, 0.1843, 0.1599
Android (android.graphics.Color)	4281233888 (0xFF2E71E0)
YUV	105.6210, 58.3608, -52.2876
Hunter-Lab	42.1579, 12.9646, -72.9747

Details

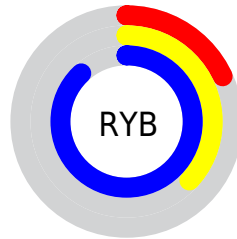
The HunterLab color **42.1579, 12.9646, -72.9747** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **63.3751, 11.0331, 36.8249**, and the grayscale version is **37.6286, -2.0078, 2.0444**.

A 20% lighter version of the original color is **61.3945, 5.7550, -53.4330**, and **25.9299, 16.6891, -68.4371** is the 20% darker color. If you saturate the color by 10%, you get **38.0799, 19.0803, -86.0021**, and if you desaturate by 10%, it is **46.6871, 7.9667, -60.6504**.

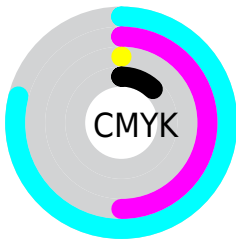
Distribution



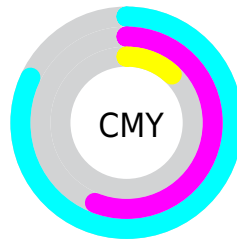
- Red (18%)
- Green (44%)
- Blue (88%)



- Red (18%)
- Yellow (37%)
- Blue (88%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (56%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1579, 12.9646, -72.9747 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 42.1579, 12.9646, -72.9747 by changing the saturation by 10% instead.

■ 42.1579, 12.9646, -72.9747

■ 42.1579, 12.9646, -72.9747

154.7871, 14.3359, -79.1982

■ 32.8442, 12.4136, -73.3706

■ 62.9689, 13.7681, -73.6329

■ 24.3394, 11.7387, -74.8389

■ 74.3714, 14.0415, -74.3010

■ 16.7301, 10.9190, -78.5265

■ 86.3895, 14.2413, -75.0690

■ 10.1375, 9.9291, -87.6502

■ 98.9932, 14.3744, -75.8882

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.1564, 14.4461, -76.7277

0.0000, NaN, -NF

125.8562, 14.4611,

0.0000, NaN, -NF

-77.5673

0.0000, NaN, NaN

140.0725, 14.4232,
-78.3937

■ 42.1579, 12.9646,
-72.9747

■ 42.1579, 12.9646,
-72.9747

■ 38.0799, 19.0803,
-86.0021

■ 46.6871, 7.9667,
-60.6504

■ 34.4910, 26.1875,
-99.5147

■ 51.6030, 4.0137,
-49.1588

■ 34.3068, 26.5859,
-100.2718

■ 56.8503, 0.9827,
-38.4997

■ 62.3819, -1.2613,
-28.6086

■ 68.1596, -2.8434,
-19.3945

■ 74.1522, -3.8712,
-10.7624

■ 80.3344, -4.4346,
-2.6235

■ 86.6857, -4.6071,
5.1005

■ 93.1892, -4.4485,
12.4769

Harmonies

Analogous

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



42.1585, -13.1551, -74.6737



42.1579, 12.9646, -72.9747



42.1585, 40.3878, -44.8972

Triad

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



42.1585, 12.9659, -72.9736



42.1585, 37.6696, 24.2464



42.1585, -40.5770, 11.8411

Complementary

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



42.1579, 12.9646, -72.9747



63.3751, 11.0331, 36.8249

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.



42.1585, -32.6825, 23.5819



42.1579, 12.9646, -72.9747



42.1585, 9.8864, 27.2602

Square

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



42.1585, 12.9659, -72.9736



42.1585, 56.8401, 13.7246



42.1585, -15.5766, 27.1250



42.1585, -40.1349, -13.6364

Rectangle

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



42.1579, 12.9646, -72.9747



42.1585, 53.8746, -21.1413



42.1585, -15.5766, 27.1250



42.1585, -38.9106, 17.0885

Sweetspot

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



42.1585, 12.9659, -72.9736



82.5847, -3.9954, -17.1033



75.0236, -50.9565, 20.5603



37.0608, -1.6365, -9.5879

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.1585, 12.9659, -72.9736



41.4589, 27.1387, -109.2759



29.1935, 51.2167, -124.3385



37.5291, -2.0717, -1.2211



26.5606, 19.3295, -74.9254



8.1079, 2.6082, -15.7645

Inverse Universe

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



43.5831, 65.8433, 6.7552



47.4756, 81.8814, 14.3582



81.3871, -28.7262, 47.7633



37.1288, 1.9442, 1.4837



31.0165, 54.3931, 10.1470



8.2693, 14.6989, 1.1774

Previews

White Background



This preview shows how the HunterLab color 42.1579, 12.9646, -72.9747 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 42.1579, 12.9646, -72.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

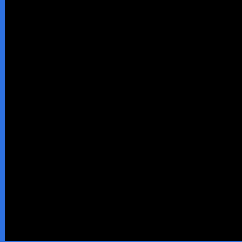
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

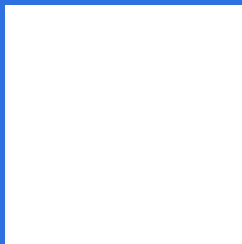
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.1579, 12.9646, -72.9747 Background



This preview shows how black text looks on a background with the HunterLab color 42.1579, 12.9646, -72.9747.



This preview shows how white text looks on a background with the HunterLab color 42.1579, 12.9646, -72.9747.

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

42.1579, 12.9646, -72.9747

Protanopia

42.0073, 13.7230, -72.4093

Deuteranopia

42.0698, 2.1541, -57.2337



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

42.1579, 12.9646, -72.9747

Protanomaly

41.9454, 13.5312, -72.5962

Deuteranomaly

42.0070, 5.5362, -62.8694

Tritanomaly

41.4121, -10.0768, -28.3991

Monochromacy



Original Color

42.1579, 12.9646, -72.9747

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.7195, -0.6844, -19.6929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1579, 12.9646, -72.9747 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(46, 113, 224)` looks like.

```
.text, #text, p{  
    color:rgb(46, 113, 224)  
}
```

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(46, 113, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 113, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1579, 12.9646, -72.9747 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(46, 113, 224) }
```


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

```
.border{ border-color:rgb(46, 113, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 113, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 113, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 113, 224);  
box-shadow:4px 4px 4px 4px rgb(46, 113,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1579, 12.9646, -72.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 113, 224) }
```

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

```
.background{ background-color: rgb(46, 113,  
224) }
```

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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