

Converting Colors

HunterLab(47.1281, 16.0431,
-89.7013)

Have a look what the booklet for
HunterLab(47.1281, 16.0431,
-89.7013) contains.

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Color

**HunterLab(47.1281, 16.0431,
-89.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	217DFF
RGB	33, 125, 255
RGB Percent	13%, 49%, 100%
CMY	0.8705, 0.5098, 0.0000
CMYK	0.87, 0.51, 0.00, 0.00
HSL	215°, 100%, 56%
HSV	215°, 87%, 100%
XYZ	26.0108, 22.2106, 97.5239
YIQ	112.3120, -96.5620, 20.9260

Conversions

Conversions Part 2

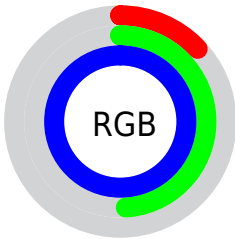
Format	Color
R _Y B	33, 98, 255
Decimal	2194943
CIE Lab	54.25, 21.82, -71.67
CIE LCh	54, 74.915, 286.934
Yxy	22.2111, 0.1785, 0.1524
Android (android.graphics.Color)	4280385023 (0xFF217DFF)
YUV	112.3120, 70.3452, -69.5566
Hunter-Lab	47.1281, 16.0431, -89.7013

Details

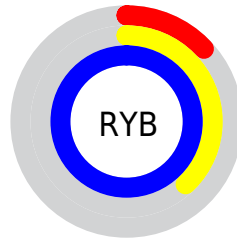
The HunterLab color **47.1281, 16.0431, -89.7013** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **68.9745, 20.6396, 41.6244**, and the grayscale version is **40.1414, -2.1418, 2.1810**.

A 20% lighter version of the original color is **65.3126, -0.8283, -45.6530**, and **30.5597, 20.8879, -83.2879** is the 20% darker color. If you saturate the color by 10%, you get **42.9356, 23.5063, -103.7761**, and if you desaturate by 10%, it is **51.8388, 9.8093, -76.0920**.

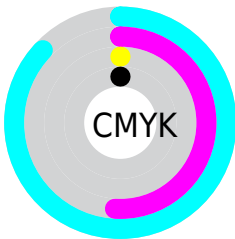
Distribution



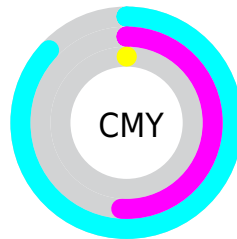
- Red (13%)
- Green (49%)
- Blue (100%)



- Red (13%)
- Yellow (38%)
- Blue (100%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1281, 16.0431, -89.7013 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 47.1281, 16.0431, -89.7013 by changing the saturation by 10% instead.

■ 47.1281, 16.0431,
-89.7013

■ 47.1281, 16.0431,
-89.7013

162.3720, 18.2690,
-95.7173

■ 37.4327, 15.3921,
-90.4186

■ 68.6256, 17.0471,
-89.9997

■ 28.5116, 14.6194,
-92.3260

■ 80.3418, 17.4191,
-90.5899

■ 20.4393, 13.7076,
-96.5165

■ 92.6579, 17.7159,
-91.3273

■ 13.3170, 12.6363,
-105.7170

■ 105.5461, 17.9443,
-92.1525

■ 6.8595, 13.6954,
-137.6276

■ 118.9819, 18.1094,
-93.0263

0.0000, NaN, -NF

0.0000, NaN, -NF

132.9440, 18.2161,

-93.9228

0.0000, NaN, -NF

147.4131, 18.2682,
-94.8239

0.0000, NaN, -NF

■ 47.1281, 16.0431,
-89.7013

■ 47.1281, 16.0431,
-89.7013

■ 42.9356, 23.5063,
-103.7761

■ 51.8388, 9.8093,
-76.0920

■ 41.7819, 25.8623,
-108.0530

■ 57.0134, 4.8228,
-63.1696

■ 62.5945, 0.9909,
-51.0254

■ 68.5286, -1.8240,
-39.6582

■ 74.7698, -3.7654,
-29.0140

■ 81.2795, -4.9653,
-19.0152

■ 88.0260, -5.5383,
-9.5789

■ 94.9829, -5.5808,
-0.6255

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



47.1287, -15.1971, -92.2155



47.1281, 16.0431, -89.7013



47.1287, 49.1484, -54.5570

Triad

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



47.1287, 16.0446, -89.6995



47.1287, 45.2381, 27.9796



47.1287, -47.5141, 13.6265

Complementary

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



47.1281, 16.0431, -89.7013



68.9745, 20.6396, 41.6244

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.



47.1287, -38.5095, 27.1255



47.1281, 16.0431, -89.7013



47.1287, 11.6634, 31.0792

Square

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



47.1287, 16.0446, -89.6995



47.1287, 68.7529, 16.2246



47.1287, -18.5876, 30.9191



47.1287, -46.9133, -17.0189

Rectangle

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



47.1281, 16.0431, -89.7013



47.1287, 65.4568, -25.3454



47.1287, -18.5876, 30.9191



47.1287, -45.6333, 19.7566

Sweetspot

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



47.1287, 16.0446, -89.6995



81.9754, -5.0529, -18.0021



86.2964, -62.1676, 28.4377



36.8652, -2.1915, -9.8900

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1287, 16.0446, -89.6995



41.7819, 25.8623, -108.0530



30.0449, 66.1644, -167.0254



43.1441, -2.5977, -1.2884



30.6587, 17.6397, -76.3997



10.6047, 3.2723, -20.3189

Inverse Universe

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



48.8160, 80.8968, 7.9314



47.2160, 83.0475, 13.5431



94.6303, -32.0651, 56.8465



42.5581, 2.3685, 1.4956



34.1714, 60.1819, 9.1950



10.7614, 19.1395, 1.4472

Previews

White Background



This preview shows how the HunterLab color 47.1281, 16.0431, -89.7013 looks on a white background.

Color Contrast Check

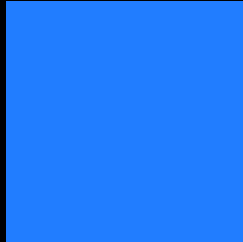
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1281, 16.0431, -89.7013 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

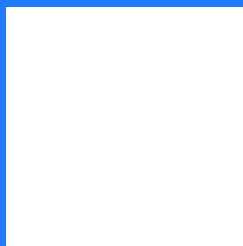
Any Text WCAG AAA × Fail

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

HunterLab 47.1281, 16.0431, -89.7013 Background



This preview shows how black text looks on a background with the HunterLab color 47.1281, 16.0431, -89.7013.



This preview shows how white text looks on a background with the HunterLab color 47.1281, 16.0431, -89.7013.

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

47.1281, 16.0431, -89.7013

Protanopia

47.0658, 17.0901, -88.8184

Deuteranopia

47.0741, 2.5366, -64.3143



Tritanopia

46.8102, -22.8503, -9.1813

Trichromacy



Original Color

47.1281, 16.0431, -89.7013

Protanomaly

46.9494, 16.7333, -89.1892

Deuteranomaly

46.8527, 7.2889, -73.3634

Tritanomaly

46.2175, -10.8167, -33.4718

Monochromacy



Original Color

47.1281, 16.0431, -89.7013

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

41.5234, -1.1797, -24.5837

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1281, 16.0431, -89.7013 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(33, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 125, 255)  
}
```

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(33, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 125, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1281, 16.0431, -89.7013 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(33, 125, 255) }
```


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

```
.border{ border-color:rgb(33, 125, 255) }
```

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

Here you see how a box with a 4 pixel rgb(33, 125, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 125,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.1281, 16.0431, -89.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 125, 255) }
```

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

```
.background{ background-color: rgb(33, 125,  
255) }
```

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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