

Converting Colors

HunterLab(46.8950, 23.3984,
-90.3077)

Have a look what the booklet for
HunterLab(46.8950, 23.3984,
-90.3077) contains.

HunterLab(46.8950, 23.3984, -90.3077)	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>	31

Color

**HunterLab(46.8950, 23.3984,
-90.3077)**

Conversions

Conversions Part 1

Format	Color
Hex	4D77FF
RGB	77, 119, 255
RGB Percent	30%, 47%, 100%
CMY	0.6980, 0.5333, 0.0000
CMYK	0.70, 0.53, 0.00, 0.00
HSL	226°, 100%, 65%
HSV	226°, 70%, 100%
XYZ	27.7074, 21.9914, 97.3921
YIQ	121.9460, -68.6880, 33.3920

Conversions

Conversions Part 2

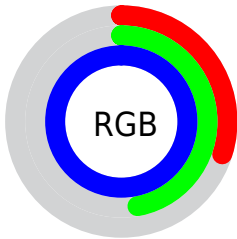
Format	Color
R _Y B	77, 111, 255
Decimal	5076991
CIE Lab	54.02, 29.73, -71.98
CIE LCh	54, 77.878, 292.442
Yxy	21.9920, 0.1884, 0.1495
Android (android.graphics.Color)	4283267071 (0xFF4D77FF)
YUV	121.9460, 65.5956, -39.4176
Hunter-Lab	46.8950, 23.3984, -90.3077

Details

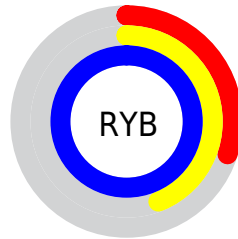
The HunterLab color **46.8950, 23.3984, -90.3077** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **83.3007, -3.5410, 46.2686**, and the grayscale version is **43.8679, -2.3407, 2.3834**.

A 20% lighter version of the original color is **65.0888, 7.5556, -45.9393**, and **29.4380, 23.6443, -87.8361** is the 20% darker color. If you saturate the color by 10%, you get **41.1812, 31.7530, -110.2785**, and if you desaturate by 10%, it is **53.2833, 16.4533, -72.1521**.

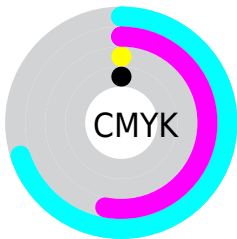
Distribution



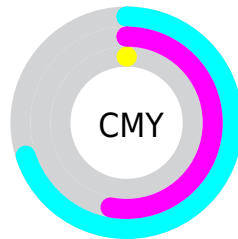
- Red (30%)
- Green (47%)
- Blue (100%)



- Red (30%)
- Yellow (44%)
- Blue (100%)



- Cyan (70%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8950, 23.3984, -90.3077 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 46.8950, 23.3984, -90.3077 by changing the saturation by 10% instead.

■ 46.8950, 23.3984,
-90.3077

■ 46.8950, 23.3984,
-90.3077

162.0199, 28.4451,
-96.2619

■ 37.2169, 22.3783,
-91.0719

■ 68.3613, 25.1033,
-90.5594

■ 28.3145, 21.2265,
-93.0594

■ 80.0633, 25.8076,
-91.1387

■ 20.2630, 19.9328,
-97.3979

■ 92.3659, 26.4258,
-91.8698

■ 13.1643, 18.5002,
-106.9143

■ 105.2411, 26.9651,
-92.6918

■ 6.6699, 20.1042,
-141.4530

118.6645, 27.4317,
-93.5648

0.0000, INF, -NF

0.0000, NaN, -NF

132.6145, 27.8309,

-94.4622

0.0000, NaN, -NF

147.0721, 28.1674,
-95.3654

0.0000, NaN, -NF

■ 46.8950, 23.3984,
-90.3077

■ 46.8950, 23.3984,
-90.3077

■ 41.1812, 31.7530,
-110.2785

■ 53.2833, 16.4533,
-72.1521

■ 36.3066, 41.4164,
-131.4008

■ 60.2106, 10.7704,
-55.8711

■ 32.4232, 51.7200,
-152.1179

■ 67.5765, 6.1414,
-41.2587

■ 32.3545, 51.9216,
-152.5241

■ 75.3056, 2.3652,
-28.0428

■ 83.3415, -0.7276,
-15.9630

■ 91.6416, -3.2721,
-4.7971

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.



46.8956, -10.3340, -100.5886



46.8950, 23.3984, -90.3077



46.8956, 56.9896, -49.0466

Triad

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



46.8956, 23.3997, -90.3059



46.8956, 41.2541, 29.2955



46.8956, -49.2745, 9.6236

Complementary

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



46.8950, 23.3984, -90.3077



83.3007, -3.5410, 46.2686

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.



46.8956, -42.0237, 26.0639



46.8950, 23.3984, -90.3077



46.8956, 5.8744, 31.4085

Square

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



46.8956, 23.3997, -90.3059



46.8956, 69.0783, 19.8633



46.8956, -23.7770, 30.8343



46.8956, -46.9339, -25.7743

Rectangle

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



46.8950, 23.3984, -90.3077



46.8956, 71.8485, -18.7851



46.8956, -23.7770, 30.8343



46.8956, -47.9646, 17.0110

Sweetspot

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



46.8956, 23.3997, -90.3059



82.3620, -0.3876, -17.3610



88.1910, -52.0868, 12.2184



37.0691, 0.1968, -9.5435

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8956, 23.3997, -90.3059



39.0209, 35.6729, -119.0821



40.7813, 54.0834, -111.4697



42.5126, -1.5452, -2.0725



23.7873, 36.2218, -107.9244



8.4266, 8.3362, -28.5280

Inverse Universe

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



52.8216, 67.1476, 14.1339



48.5728, 76.4312, 19.0953



92.6453, -39.1638, 51.9073



42.4939, 2.0235, 2.4110



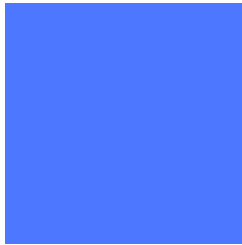
33.6142, 58.1317, 17.3308



10.5652, 18.4207, 4.2883

Previews

White Background



This preview shows how the HunterLab color 46.8950, 23.3984, -90.3077 looks on a white background.

Color Contrast Check

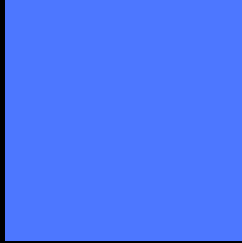
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8950, 23.3984, -90.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

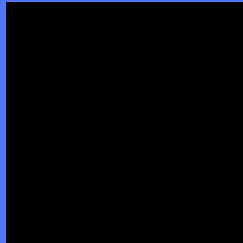
Any Text WCAG AA ✓ Pass

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 46.8950, 23.3984, -90.3077 Background



This preview shows how black text looks on a background with the HunterLab color 46.8950, 23.3984, -90.3077.



This preview shows how white text looks on a background with the HunterLab color 46.8950, 23.3984, -90.3077.

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

46.8950, 23.3984, -90.3077

Protanopia

47.0178, 17.0796, -90.0304

Deuteranopia

46.7269, 2.7274, -64.2923



Tritanopia

46.5252, -22.2475, -10.1264

Trichromacy



Original Color

46.8950, 23.3984, -90.3077

Protanomaly

46.8224, 19.2039, -90.6115

Deuteranomaly

46.4744, 8.9327, -74.4009

Tritanomaly

45.8419, -8.9732, -34.9158

Monochromacy



Original Color

46.8950, 23.3984, -90.3077

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.3184, 3.1450, -23.5137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8950, 23.3984, -90.3077 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(77, 119, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 119, 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(77, 119, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 119, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8950, 23.3984, -90.3077 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(77, 119, 255) }
```


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

```
.border{ border-color:rgb(77, 119, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 119, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 119, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 119, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 119,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8950, 23.3984, -90.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 119, 255) }
```

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

```
.background{ background-color: rgb(77, 119,  
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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