

Converting Colors

HunterLab(47.7306, 24.0712,
-69.8345)

Have a look what the booklet for
HunterLab(47.7306, 24.0712,
-69.8345) contains.

HunterLab(47.8388, 23.8264, -69.4042)	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(47.8388, 23.8264,
-69.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	7277ED
RGB	114, 119, 237
RGB Percent	45%, 47%, 93%
CMY	0.5529, 0.5333, 0.0706
CMYK	0.52, 0.50, 0.00, 0.07
HSL	238°, 77%, 69%
HSV	238°, 52%, 93%
XYZ	28.8224, 22.8855, 83.0190
YIQ	130.9570, -40.8580, 35.6380

Conversions

Conversions Part 2

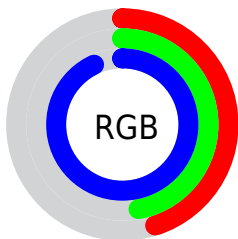
Format	Color
RYB	114, 119, 237
Decimal	7501805
CIELab	54.95, 30.08, -60.38
CIElCh	55, 67.456, 296.484
Yxy	22.8862, 0.2139, 0.1699
Android (android.graphics.Color)	4285691885 (0xFF7277ED)
YUV	130.9570, 52.2792, -14.8713
Hunter-Lab	47.8388, 23.8264, -69.4042

Details

The HunterLab color $47.8388, 23.8264, -69.4042$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $87.7131, -17.5143, 42.9797$, and the grayscale version is $47.4371, -2.5311, 2.5773$.

A 20% lighter version of the original color is $67.2533, 14.6066, -41.7086$, and $29.1202, 21.4128, -69.5977$ is the 20% darker color. If you saturate the color by 10%, you get $40.8870, 32.0867, -90.4273$, and if you desaturate by 10%, it is $55.4627, 16.7198, -51.1817$.

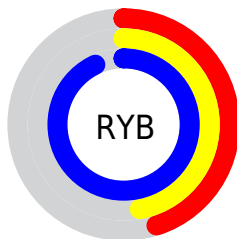
Distribution



Red (45%)

Green (47%)

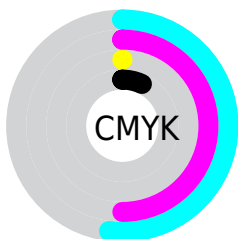
Blue (93%)



Red (45%)

Yellow (47%)

Blue (93%)

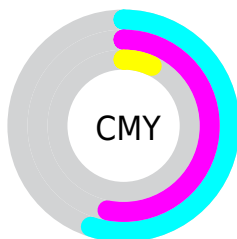


Cyan (52%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8388, 23.8264, -69.4042 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 47.8388, 23.8264, -69.4042 by changing the saturation by 10% instead.

■ 47.8388, 23.8264,
-69.4042

■ 47.8388, 23.8264,
-69.4042

163.4442, 28.9276,
-76.0437

■ 38.0914, 22.8017,
-69.3198

■ 69.4309, 25.5408,
-70.4828

■ 29.1134, 21.6470,
-69.8966

■ 81.1904, 26.2510,
-71.2310

■ 20.9784, 20.3514,
-71.7691

■ 93.5477, 26.8753,
-72.0343

■ 13.7851, 18.9167,
-76.5038

106.4752, 27.4210,
-72.8591

■ 7.4064, 19.0273,
-92.7451

119.9488, 27.8941,
-73.6842

0.0000, INF, -NF

0.0000, NaN, -NF

133.9472, 28.3000,

-74.4956

0.0000, NaN, -NF

148.4514, 28.6432,
-75.2841

0.0000, NaN, NaN

■ 47.8388, 23.8264,
-69.4042

■ 47.8388, 23.8264,
-69.4042

■ 40.8870, 32.0867,
-90.4273

■ 55.4627, 16.7198,
-51.1817

■ 34.8259, 41.5198,
-114.2177

■ 63.6047, 10.5652,
-35.3084

■ 29.9587, 51.5611,
-139.2014

■ 72.1619, 5.1518,
-21.2736

■ 26.6232, 60.5183,
-160.9661

■ 81.0621, 0.3043,
-8.6464

■ 25.1464, 65.2431,
-172.2720

■ 90.2535, -4.1125,
2.9079

99.4457, -8.3810,
13.3625

Harmonies

Analogous

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



47.8396, -5.8044, -81.5996



47.8388, 23.8264, -69.4042



47.8396, 50.9583, -35.0655

Triad

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



47.8396, 23.8271, -69.4027



47.8396, 30.8570, 28.6170



47.8396, -45.2241, 5.6324

Complementary

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



47.8388, 23.8264, -69.4042



87.7131, -17.5143, 42.9797

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.



47.8396, -39.6014, 23.0961



47.8388, 23.8264, -69.4042



47.8396, 0.7832, 30.6802

Square

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



47.8396, 23.8271, -69.4027



47.8396, 55.6275, 20.2435



47.8396, -24.2262, 29.4755



47.8396, -41.7589, -26.2396

Rectangle

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



47.8388, 23.8264, -69.4042



47.8396, 61.6605, -10.9409



47.8396, -24.2262, 29.4755



47.8396, -44.3748, 13.0715

Sweetspot

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



47.8396, 23.8271, -69.4027



84.0147, 2.4613, -14.9530



83.6108, -36.1002, -2.6435



37.9448, 1.6428, -8.2311

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8396, 23.8271, -69.4027



44.1819, 35.2044, -99.1181



51.5991, 40.2661, -59.5635



38.2713, -0.3708, -2.6398



18.7026, 47.6838, -126.3123



5.5619, 12.0561, -32.9776

Inverse Universe

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



56.0112, 43.0727, 16.7930



55.4767, 57.2618, 21.3825



84.6680, -37.4202, 40.3678



38.8123, 1.4794, 3.0926



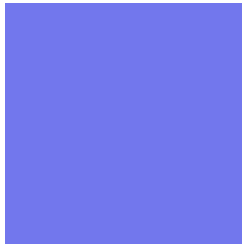
31.3782, 53.7875, 19.8778



8.8127, 15.1462, 5.2753

Previews

White Background



This preview shows how the HunterLab color 47.8388, 23.8264, -69.4042 looks on a white background.

Color Contrast Check

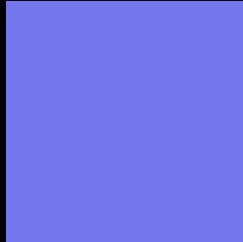
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8388, 23.8264, -69.4042 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 47.8388, 23.8264, -69.4042 Background



This preview shows how black text looks on a background with the HunterLab color 47.8388, 23.8264, -69.4042.



This preview shows how white text looks on a background with the HunterLab color 47.8388, 23.8264, -69.4042.

-69.4042.

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

47.8388, 23.8264, -69.4042

Protanopia

47.9586, 14.5358, -76.9908

Deuteranopia

47.9989, 4.7558, -66.4933



Tritanopia

47.9259, -13.8434, -6.9311

Trichromacy



Original Color

47.8388, 23.8264, -69.4042

Protanomaly

47.7047, 17.4733, -74.7039

Deuteranomaly

47.3927, 10.0975, -68.9482

Tritanomaly

47.2935, -1.5457, -26.3670

Monochromacy



Original Color

47.8388, 23.8264, -69.4042

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.3719, 4.9043, -18.3218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8388, 23.8264, -69.4042 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(114, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(114, 119, 237)  
}
```

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(114, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 119, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8388, 23.8264, -69.4042 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(114, 119, 237) }
```


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

```
.border{ border-color:rgb(114, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(114, 119,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8388, 23.8264, -69.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 119, 237) }
```

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

```
.background{ background-color: rgb(114,  
119, 237) }
```

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