

# Converting Colors

HunterLab(44.2216, 54.8490,  
-124.4666)

Have a look what the booklet for  
HunterLab(44.2216, 54.8490,  
-124.4666) contains.

<b>HunterLab(42.5692, 47.7242, -104.7023)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(42.5692, 47.7242,  
-104.7023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7758FF
RGB	119, 88, 255
RGB Percent	47%, 35%, 100%
CMY	0.5333, 0.6549, 0.0000
CMYK	0.53, 0.65, 0.00, 0.00
HSL	251°, 100%, 67%
HSV	251°, 65%, 100%
XYZ	29.1475, 18.1214, 96.5692
YIQ	116.3070, -35.1310, 58.5090

# Conversions

## Conversions Part 2

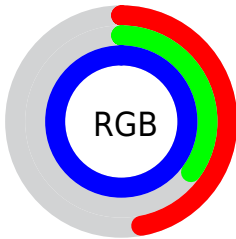
Format	Color
R <sub>Y</sub> B	119, 88, 255
Decimal	7821567
CIE Lab	49.64, 54.23, -78.98
CIE LCh	50, 95.807, 304.477
Yxy	18.1218, 0.2026, 0.1260
Android (android.graphics.Color)	4286011647 (0xFF7758FF)
YUV	116.3070, 68.3756, 2.3618
Hunter-Lab	42.5692, 47.7242, -104.7023

# Details

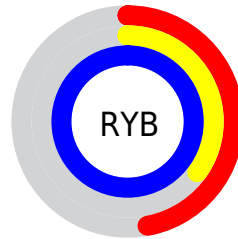
The HunterLab color **42.5692, 47.7242, -104.7023** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **93.8461, -34.3968, 51.3924**, and the grayscale version is **41.6643, -2.2231, 2.2637**.

A 20% lighter version of the original color is **59.8330, 33.9684, -56.2856**, and **24.7197, 43.5545, -110.7017** is the 20% darker color. If you saturate the color by 10%, you get **36.5102, 57.6632, -130.1293**, and if you desaturate by 10%, it is **49.6969, 37.9808, -81.5823**.

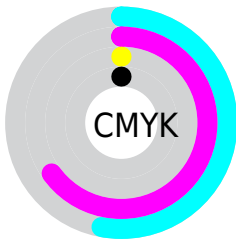
# Distribution



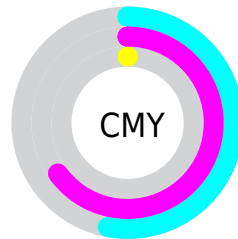
- Red (47%)
- Green (35%)
- Blue (100%)



- Red (47%)
- Yellow (35%)
- Blue (100%)



- Cyan (53%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (65%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5692, 47.7242, -104.7023 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 42.5692, 47.7242, -104.7023 by changing the saturation by 10% instead.



42.5692, 47.7242,  
-104.7023

42.5692, 47.7242,  
-104.7023

155.4210, 60.9568,  
-108.7592

33.2227, 45.7596,  
-106.7319

63.4388, 51.3589,  
-103.6759

24.6821, 43.7357,  
-110.8825

74.8680, 53.0150,  
-103.9395

17.0327, 41.7668,  
-119.2892

86.9115, 54.5673,  
-104.4751

10.3939, 40.2212,  
-137.8733

99.5394, 56.0210,  
-105.1844

0.0000, INF, -NF

0.0000, NaN, -NF

112.7258, 57.3815,  
-106.0039

0.0000, NaN, -NF

126.4479, 58.6543,

0.0000, NaN, -NF

-106.8910

140.6857, 59.8445,  
-107.8162

■ 42.5692, 47.7242,  
-104.7023

■ 42.5692, 47.7242,  
-104.7023

■ 36.5102, 57.6632,  
-130.1293

■ 49.6969, 37.9808,  
-81.5823

■ 31.8446, 66.5283,  
-155.3588

■ 57.6319, 28.8801,  
-61.3117

■ 28.8658, 72.2105,  
-175.2721

■ 66.1896, 20.4705,  
-43.6018

■ 27.9867, 73.7253,  
-181.8908

■ 75.2416, 12.6593,  
-27.9653

■ 84.6980, 5.3263,  
-13.9433

94.4945, -1.6370,  
-1.1627

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.



42.5697, 3.6058, -142.4963



42.5692, 47.7242, -104.7023



42.5697, 86.2223, -40.0551

# Triad

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



42.5697, 47.7255, -104.7003



42.5697, 34.1737, 29.7988



42.5697, -53.5030, -3.4985

# Complementary

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



42.5692, 47.7242, -104.7023



93.8461, -34.3968, 51.3924

# 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.



42.5697, -50.3101, 22.7535



42.5692, 47.7242, -104.7023



42.5697, -7.8505, 29.7988

# Square

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



42.5697, 47.7255, -104.7003



42.5697, 76.6573, 25.9165



42.5697, -36.3522, 29.1548



42.5697, -47.4419, -59.1443



# Rectangle

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



42.5692, 47.7242, -104.7023



42.5697, 98.1276, -4.9619



42.5697, -36.3522, 29.1548



42.5697, -53.4517, 8.5018

# Sweetspot

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



42.5697, 47.7255, -104.7003



80.3879, 8.5815, -20.0930



79.2542, -28.7103, -22.4425



35.9655, 4.9283, -11.1345

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.5697, 47.7255, -104.7003



34.6964, 60.9932, -139.2204



51.7419, 67.8961, -75.3373



41.8807, 0.5182, -2.8518



20.3443, 53.3835, -130.5982



6.6657, 16.9257, -38.4095



# Inverse Universe

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



57.9835, 77.6440, -35.0167



53.7564, 89.0223, -38.1701



88.2480, -56.3607, 47.1884



42.7073, 3.1682, -0.6259



36.7428, 69.4318, -26.7117



11.5273, 21.8848, -9.1715



# Previews

## White Background



This preview shows how the HunterLab color 42.5692, 47.7242, -104.7023 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

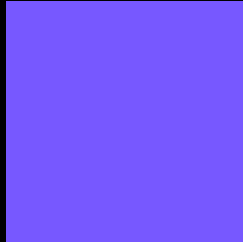
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.5692, 47.7242, -104.7023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

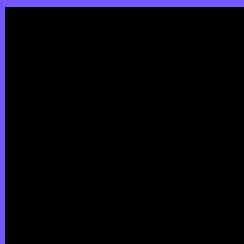
Any Text WCAG AA ✓ Pass

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 42.5692, 47.7242, -104.7023 Background



This preview shows how black text looks on a background with the HunterLab color 42.5692, 47.7242, -104.7023.



This preview shows how white text looks on a background with the HunterLab color 42.5692, 47.7242, -104.7023.

-104.7023.

# 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

42.5692, 47.7242, -104.7023

### Protanopia

42.5459, 16.3066, -88.3799

### Deuteranopia

42.6377, 1.1579, -55.7930



## Tritanopia

42.5191, -11.7255, -5.9679

# Trichromacy



## Original Color

42.5692, 47.7242, -104.7023

## Protanomaly

41.2393, 24.9085, -98.3505

## Deuteranomaly

41.0277, 14.8656, -76.3702

## Tritanomaly

41.5002, 7.1483, -35.2321

# Monochromacy



## Original Color

42.5692, 47.7242, -104.7023

## Achromatopsia

41.7908, -2.2299, 2.2706

## Achromatomaly

41.0853, 12.6697, -27.2201

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.5692, 47.7242, -104.7023 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(119, 88, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 88, 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(119, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 88, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.5692, 47.7242, -104.7023 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(119, 88, 255) }
```



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

```
.border{ border-color:rgb(119, 88, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 88, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 88,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.5692, 47.7242, -104.7023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 88, 255) }
```

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

```
.background{ background-color: rgb(119, 88,  
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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