

# Converting Colors

HunterLab(55.6060, -3.3489,  
-48.0586)

Have a look what the booklet for  
HunterLab(55.6060, -3.3489,  
-48.0586) contains.

<b>HunterLab(55.7464, -3.5963, -47.7035)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(55.7464, -3.5963,  
-47.7035)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499CE9
RGB	73, 156, 233
RGB Percent	29%, 61%, 91%
CMY	0.7137, 0.3882, 0.0863
CMYK	0.69, 0.33, 0.00, 0.09
HSL	209°, 78%, 60%
HSV	209°, 69%, 91%
XYZ	29.3441, 31.0766, 81.5426
YIQ	139.9610, -74.1850, 6.3510

# Conversions

## Conversions Part 2

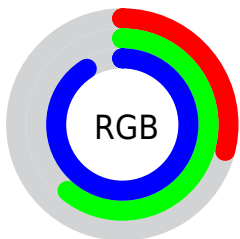
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 128, 233
Decimal	4824297
CIE <sub>Lab</sub>	62.57, -0.74, -46.15
CIE <sub>LCh</sub>	63, 46.159, 269.082
Yxy	31.0776, 0.2067, 0.2189
Android (android.graphics.Color)	4283014377 (0xFF499CE9)
YUV	139.9610, 45.8682, -58.7248
Hunter-Lab	55.7464, -3.5963, -47.7035

# Details

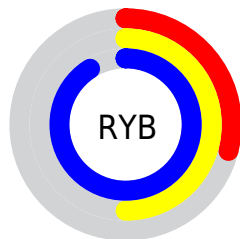
The HunterLab color **55.7464, -3.5963, -47.7035** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **62.9449, 19.4866, 33.1885**, and the grayscale version is **51.0406, -2.7234, 2.7731**.

A 20% lighter version of the original color is **76.5712, -14.1473, -26.3207**, and **36.4383, -0.1457, -45.2301** is the 20% darker color. If you saturate the color by 10%, you get **51.7108, -0.3918, -56.5335**, and if you desaturate by 10%, it is **60.0861, -5.8599, -39.1479**.

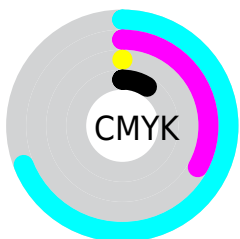
# Distribution



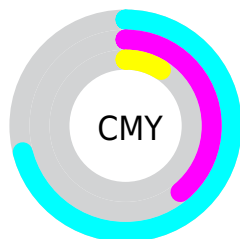
- Red (29%)
- Green (61%)
- Blue (91%)



- Red (29%)
- Yellow (50%)
- Blue (91%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (39%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7464, -3.5963, -47.7035 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 55.7464, -3.5963, -47.7035 by changing the saturation by 10% instead.



■ 55.7464, -3.5963,  
-47.7035

■ 55.7464, -3.5963,  
-47.7035

175.1844,  
-10.2633, -53.3487

■ 45.4511, -3.0049,  
-47.0474

■ 78.3341, -4.8766,  
-49.1354

■ 35.8807, -2.4498,  
-46.5297

■ 90.5517, -5.5636,  
-49.8453

■ 27.0961, -1.9326,  
-46.3111

■ 103.3457, -6.2798,  
-50.5284

■ 19.1752, -1.4563,  
-46.7503

■ 116.6913, -7.0241,  
-51.1762

■ 12.2250, -1.0243,  
-48.7852

130.5664, -7.7954,  
-51.7841

■ 5.3372, -0.8888,  
-68.4990

144.9517, -8.5930,

0.0000, NaN, -NF

-52.3495

0.0000, NaN, -NF

159.8297, -9.4159,  
-52.8712

0.0000, NaN, NaN

■ 55.7464, -3.5963,  
-47.7035

■ 55.7464, -3.5963,  
-47.7035

■ 51.7108, -0.3918,  
-56.5335

■ 60.0861, -5.8599,  
-39.1479

■ 48.0011, 3.7996,  
-65.5772

■ 64.6996, -7.2662,  
-30.9054

■ 44.6219, 8.9215,  
-74.7810

■ 69.5610, -7.9087,  
-22.9839

■ 44.1871, 9.6420,  
-76.0443

■ 74.6455, -7.8806,  
-15.3746

■ 79.9309, -7.2679,  
-8.0579

■ 85.3981, -6.1471,  
-1.0087

■ 91.0299, -4.5846,  
5.8004

■ 96.3739, -4.1525,  
11.8851

■ 99.3294, -9.0222,  
15.0322

# Harmonies

## Analogous

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



55.7473, -21.4884, -38.6496



55.7464, -3.5963, -47.7035



55.7473, 17.0919, -39.6380

# Triad

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



55.7473, -3.5957, -47.7022



55.7473, 35.0037, 18.1174



55.7473, -32.4260, 18.8201

# Complementary

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



55.7464, -3.5963, -47.7035



62.9449, 19.4866, 33.1885

# 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.



55.7473, -20.5565, 26.5608



55.7464, -3.5963, -47.7035



55.7473, 18.3162, 26.2679

# Square

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



55.7473, -3.5957, -47.7022



55.7473, 41.1976, 2.4419



55.7473, -2.3566, 28.7087



55.7473, -36.6142, 3.6206



# Rectangle

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



55.7464, -3.5963, -47.7035



55.7473, 29.3574, -26.8375



55.7473, -2.3566, 28.7087



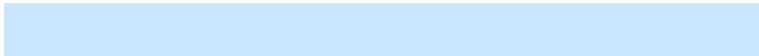
55.7473, -29.2934, 22.1520

# Sweetspot

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



55.7473, -3.5957, -47.7022



87.1004, -8.2718, -10.8743



78.6276, -53.1311, 26.4956



39.5417, -3.9235, -6.0667

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.7473, -3.5957, -47.7022



55.7052, 1.1729, -66.3501



35.7740, 38.2134, -105.0548



39.8015, -2.9303, -0.7339



33.6581, 6.5459, -56.2003



10.4026, 0.0757, -13.1658



# Inverse Universe

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



49.4880, 64.8467, -6.0537



50.5485, 81.3104, -3.4753



85.5039, -19.2397, 47.9782



38.9674, 2.3130, 0.8812



32.6136, 58.3250, 1.9019

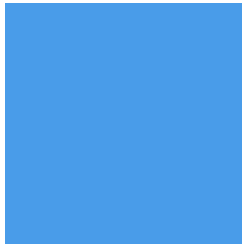


9.2448, 16.7273, -0.9673



# Previews

## White Background



This preview shows how the HunterLab color 55.7464, -3.5963, -47.7035 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

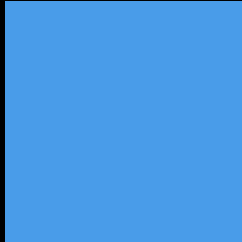
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.7464, -3.5963, -47.7035 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

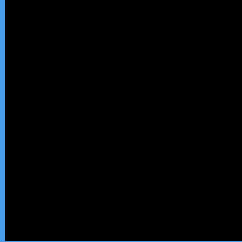
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# HunterLab 55.7464, -3.5963, -47.7035 Background



This preview shows how black text looks on a background with the HunterLab color 55.7464, -3.5963, -47.7035.



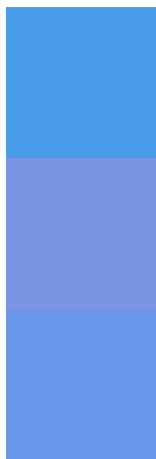
This preview shows how white text looks on a background with the HunterLab color 55.7464, -3.5963, -47.7035.



# 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

55.7464, -3.5963, -47.7035

### Protanopia

55.5714, 7.0972, -42.3992

### Deuteranopia

55.5134, 4.7858, -48.8466



## Tritanopia

55.5948, -24.9398, -12.2294

# Trichromacy



## Original Color

55.7464, -3.5963, -47.7035

## Protanomaly

55.4920, 2.7192, -44.9608

## Deuteranomaly

55.4767, 1.6809, -48.9786

## Tritanomaly

55.3105, -17.8939, -24.1515

# Monochromacy



## Original Color

55.7464, -3.5963, -47.7035

## Achromatopsia

51.2104, -2.7325, 2.7824

## Achromatomaly

52.2750, -5.7011, -13.3063

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.7464, -3.5963, -47.7035 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(73, 156, 233)` looks like.

```
.text, #text, p{  
    color:rgb(73, 156, 233)  
}
```

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(73, 156, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 156, 233) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.7464, -3.5963, -47.7035 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(73, 156, 233) }
```



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

```
.border{ border-color:rgb(73, 156, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 156, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 156, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 156, 233);  
box-shadow:4px 4px 4px 4px rgb(73, 156,  
233) }
```

# Background

The CSS property to change the background color of an element to HunterLab 55.7464, -3.5963, -47.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 156, 233) }
```

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

```
.background{ background-color: rgb(73, 156,  
233) }
```

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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