

# Converting Colors

HunterLab(47.0378, 13.1548,  
-69.8597)

Have a look what the booklet for  
HunterLab(47.0378, 13.1548,  
-69.8597) contains.

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# Color

**HunterLab(47.0332, 13.1525,  
-69.8677)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7DEB
RGB	74, 125, 235
RGB Percent	29%, 49%, 92%
CMY	0.7098, 0.5098, 0.0784
CMYK	0.69, 0.47, 0.00, 0.08
HSL	221°, 80%, 61%
HSV	221°, 69%, 92%
XYZ	25.1530, 22.1212, 81.5414
YIQ	122.2910, -65.7060, 23.3980

# Conversions

## Conversions Part 2

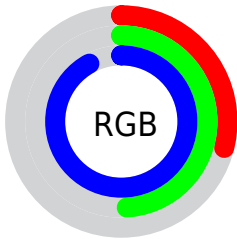
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 113, 235
Decimal	4881899
CIE Lab	54.16, 18.62, -60.66
CIE LCh	54, 63.457, 287.062
Yxy	22.1219, 0.1953, 0.1717
Android (android.graphics.Color)	4283071979 (0xFF4A7DEB)
YUV	122.2910, 55.5655, -42.3512
Hunter-Lab	47.0332, 13.1525, -69.8677

# Details

The HunterLab color **47.0332, 13.1525, -69.8677** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **72.4168, 3.0231, 39.3701**, and the grayscale version is **44.0391, -2.3498, 2.3927**.

A 20% lighter version of the original color is **66.4479, 3.0412, -43.4183**, and **29.1926, 14.2760, -67.3060** is the 20% darker color. If you saturate the color by 10%, you get **41.9698, 19.2644, -84.8347**, and if you desaturate by 10%, it is **52.5685, 8.2192, -56.1111**.

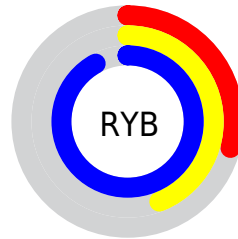
# Distribution



Red (29%)

Green (49%)

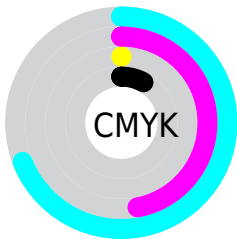
Blue (92%)



Red (29%)

Yellow (44%)

Blue (92%)

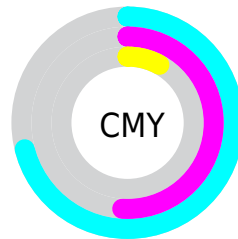


Cyan (69%)

Magenta (47%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (51%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0332, 13.1525, -69.8677 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 47.0332, 13.1525, -69.8677 by changing the saturation by 10% instead.



■ 47.0332, 13.1525,  
-69.8677

■ 47.0332, 13.1525,  
-69.8677

162.2289, 14.2114,  
-76.4693

■ 37.3450, 12.6576,  
-69.8377

■ 68.5181, 13.8627,  
-70.8995

■ 28.4314, 12.0483,  
-70.5141

■ 80.2286, 14.0966,  
-71.6394

■ 20.3676, 11.3060,  
-72.5838

■ 92.5392, 14.2606,  
-72.4396

■ 13.2549, 10.4059,  
-77.7686

■ 105.4221, 14.3607,  
-73.2650

■ 6.7831, 11.6247,  
-98.5959

118.8529, 14.4019,  
-74.0930

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8101, 14.3884,

-74.9090

0.0000, NaN, -NF

147.2745, 14.3239,  
-75.7032

0.0000, NaN, NaN

■ 47.0332, 13.1525,  
-69.8677

■ 47.0332, 13.1525,  
-69.8677

■ 41.9698, 19.2644,  
-84.8347

■ 52.5685, 8.2192,  
-56.1111

■ 37.4703, 26.6164,  
-100.8117

■ 58.4950, 4.3111,  
-43.5462

■ 33.6227, 35.0294,  
-117.2671

■ 64.7506, 1.2640,  
-32.0482

■ 33.0963, 36.3207,  
-119.7734

■ 71.2865, -1.0726,  
-21.4633

■ 78.0641, -2.8253,  
-11.6421

■ 85.0532, -4.0974,  
-2.4523

■ 92.2298, -4.9714,  
6.2179

■ 98.8923, -7.8958,  
13.6761

■ 99.3872, -8.7032,  
14.2016

# Harmonies

## Analogous

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



47.0339, -13.2394, -71.8863



47.0332, 13.1525, -69.8677



47.0339, 40.2042, -43.0124

# Triad

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



47.0339, 13.1536, -69.8664



47.0339, 36.8334, 25.8288



47.0339, -42.1417, 12.0520

# Complementary

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



47.0332, 13.1525, -69.8677



72.4168, 3.0231, 39.3701

# 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.



47.0339, -33.9286, 24.8656



47.0332, 13.1525, -69.8677



47.0339, 9.2720, 29.3798

# Square

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



47.0339, 13.1536, -69.8664



47.0339, 55.7908, 14.5340



47.0339, -16.3628, 29.1629



47.0339, -41.5466, -13.7301



# Rectangle

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



47.0332, 13.1525, -69.8677



47.0339, 53.2676, -20.1317



47.0339, -16.3628, 29.1629



47.0339, -40.4108, 17.6362

# Sweetspot

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



47.0339, 13.1536, -69.8664



83.6996, -2.6570, -15.4882



80.1395, -49.1259, 16.0445



37.7657, -0.9906, -8.5375

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



47.0339, 13.1536, -69.8664



44.0628, 24.0875, -99.7294



36.9522, 45.4418, -102.5451



39.1504, -1.8532, -1.5354



25.0971, 25.9649, -87.4200



8.1352, 4.5272, -19.9414



# Inverse Universe

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



49.0325, 61.3119, 7.8257



49.3750, 76.8011, 13.3166



85.6423, -31.0616, 47.7423



38.9007, 1.9551, 1.8306



31.8256, 55.4412, 13.2858



9.0124, 15.8816, 2.3531



# Previews

## White Background



This preview shows how the HunterLab color 47.0332, 13.1525, -69.8677 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

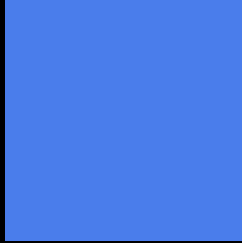
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 47.0332, 13.1525, -69.8677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

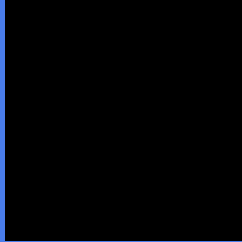
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

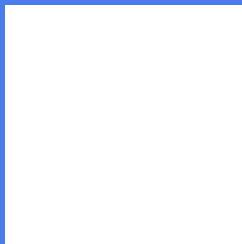
Any Text WCAG AAA × Fail

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

# HunterLab 47.0332, 13.1525, -69.8677 Background



This preview shows how black text looks on a background with the HunterLab color 47.0332, 13.1525, -69.8677.



This preview shows how white text looks on a background with the HunterLab color 47.0332, 13.1525, -69.8677.



# 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

47.0332, 13.1525, -69.8677

### Protanopia

47.0332, 13.1525, -69.8677

### Deuteranopia

46.9668, 4.0116, -67.3642

# Trichromacy



## Original Color

47.0332, 13.1525, -69.8677

## Protanomaly

47.0332, 13.1525, -69.8677

## Deuteranomaly

46.7084, 6.1959, -68.9665

# Monochromacy



## Original Color

47.0332, 13.1525, -69.8677

## Achromatopsia

44.1155, -2.3539, 2.3969

## Achromatomaly

44.5124, 0.3789, -18.7189

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.0332, 13.1525, -69.8677 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(74, 125, 235)` looks like.

```
.text, #text, p{  
    color:rgb(74, 125, 235)  
}
```

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(74, 125, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.0332, 13.1525, -69.8677 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(74, 125, 235) }
```

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

```
.border{ border-color:rgb(74, 125, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 125, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 235);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
235) }
```



# Background

The CSS property to change the background color of an element to HunterLab 47.0332, 13.1525, -69.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 235) }
```

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

```
.background{ background-color: rgb(74, 125,  
235) }
```

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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