

Converting Colors

HunterLab(47.5124, -6.6200,
-37.4926)

Have a look what the booklet for
HunterLab(47.5124, -6.6200,
-37.4926) contains.

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Color

**HunterLab(47.5621, -6.6526,
-37.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	3189C6
RGB	49, 137, 198
RGB Percent	19%, 54%, 78%
CMY	0.8078, 0.4627, 0.2235
CMYK	0.75, 0.31, 0.00, 0.22
HSL	205°, 60%, 48%
HSV	205°, 75%, 78%
XYZ	20.4054, 22.6215, 56.7170
YIQ	117.6420, -72.0290, 0.3150

Conversions

Conversions Part 2

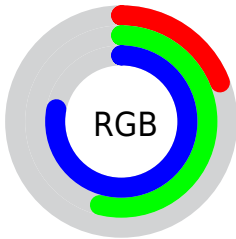
Format	Color
R _Y B	49, 104, 198
Decimal	3246534
CIE Lab	54.68, -5.27, -39.06
CIE LCh	55, 39.411, 262.323
Yxy	22.6223, 0.2046, 0.2268
Android (android.graphics.Color)	4281436614 (0xFF3189C6)
YUV	117.6420, 39.6165, -60.1990
Hunter-Lab	47.5621, -6.6526, -37.4089

Details

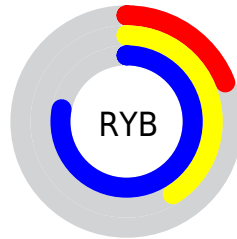
The HunterLab color $47.5621, -6.6526, -37.4089$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as dark muted azure. A complement of this color would be $48.3548, 23.9842, 26.6515$, and the grayscale version is $42.2983, -2.2569, 2.2981$.

A 20% lighter version of the original color is $69.0592, -8.3304, -38.8163$, and $29.9884, -1.7438, -33.7186$ is the 20% darker color. If you saturate the color by 10%, you get $44.7375, -4.3081, -43.3139$, and if you desaturate by 10%, it is $50.6157, -8.2562, -31.5381$.

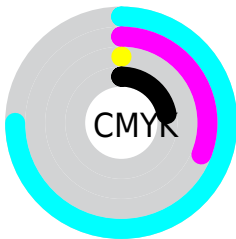
Distribution



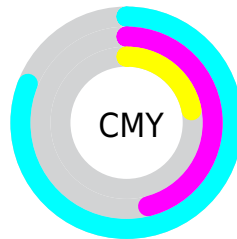
- Red (19%)
- Green (54%)
- Blue (78%)



- Red (19%)
- Yellow (41%)
- Blue (78%)



- Cyan (75%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (81%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5621, -6.6526, -37.4089 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 47.5621, -6.6526, -37.4089 by changing the saturation by 10% instead.

■ 47.5621, -6.6526,
-37.4089

■ 47.5621, -6.6526,
-37.4089

163.0273,
-14.9675, -42.2109

■ 37.8350, -5.8197,
-36.7792

■ 69.1176, -8.3668,
-38.7281

■ 28.8790, -5.0004,
-36.2675

■ 80.8603, -9.2516,
-39.3578

■ 20.7684, -4.1888,
-36.0555

■ 93.2016, -10.1557,
-39.9491

■ 13.6025, -3.3746,
-36.6080

■ 106.1139,
-11.0791, -40.4963

■ 7.1988, -3.5714,
-41.7148

■ 119.5728,
-12.0221, -40.9966

0.0000, NaN, -NF

0.0000, NaN, -NF

133.5570,

-12.9846, -41.4491

0.0000, NaN, NaN

148.0476,
-13.9664, -41.8536

0.0000, NaN, NaN

■ 47.5621, -6.6526,
-37.4089

■ 47.5621, -6.6526,
-37.4089

■ 44.7375, -4.3081,
-43.3139

■ 50.6157, -8.2562,
-31.5381

■ 42.1443, -1.2303,
-49.2148

■ 53.8839, -9.1538,
-25.7441

■ 40.9692, 0.3975,
-52.0660

■ 57.3528, -9.3983,
-20.0552

■ 61.0068, -9.0519,
-14.4895

■ 64.8306, -8.1774,
-9.0555

■ 68.8100, -6.8350,
-3.7542

■ 72.9319, -5.0794,
1.4182

■ 77.1846, -2.9595,
6.4689

■ 81.5576, -0.5179,
11.4067

Harmonies

Analogous

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



47.5629, -20.2078, -27.5393



47.5621, -6.6526, -37.4089



47.5629, 9.9484, -34.0356

Triad

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



47.5629, -6.6521, -37.4079



47.5629, 30.0342, 12.5711



47.5629, -24.8752, 17.4352

Complementary

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



47.5621, -6.6526, -37.4089



48.3548, 23.9842, 26.6515

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.



47.5629, -13.8603, 22.7246



47.5621, -6.6526, -37.4089



47.5629, 18.1539, 20.6469

Square

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



47.5629, -6.6521, -37.4079



47.5629, 32.6443, -1.5652



47.5629, 1.7159, 23.6609



47.5629, -29.7673, 6.3993

Rectangle

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



47.5621, -6.6526, -37.4089



47.5629, 20.4351, -25.1235



47.5629, 1.7159, 23.6609



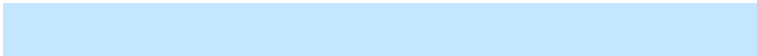
47.5629, -21.8428, 19.7680

Sweetspot

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



47.5629, -6.6521, -37.4079



87.2626, -10.5877, -10.6952



64.9134, -47.0510, 26.0620



39.4902, -5.1514, -6.1595

0.0000, NaN, NaN



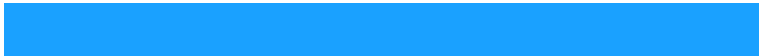
46.2646, -2.4686, 2.5136

Same Dimension

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



47.5629, -6.6521, -37.4079



57.3900, -3.3451, -62.4349



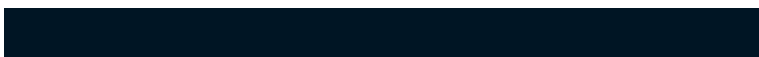
28.9606, 31.2240, -90.9861



33.6320, -2.7642, -0.3338



33.2976, -0.1244, -41.3506



8.1545, -1.4960, -6.9629

Inverse Universe

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



40.0121, 58.9205, -9.3839



49.5494, 86.3325, -8.3244



67.9240, -11.6524, 39.1130



32.7724, 1.9747, 0.4786



29.4266, 53.2879, -3.4181



6.5127, 11.9892, -2.2730

Previews

White Background



This preview shows how the HunterLab color 47.5621, -6.6526, -37.4089 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 47.5621, -6.6526, -37.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

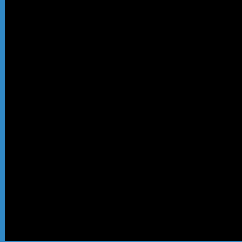
Any Text WCAG AA ✓ Pass

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 47.5621, -6.6526, -37.4089 Background



This preview shows how black text looks on a background with the HunterLab color 47.5621, -6.6526, -37.4089.

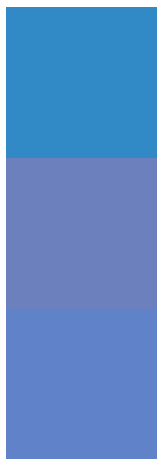


This preview shows how white text looks on a background with the HunterLab color 47.5621, -6.6526, -37.4089.

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

47.5621, -6.6526, -37.4089

Protanopia

47.3363, 5.0990, -31.7594

Deuteranopia

47.5061, 3.7630, -38.8590



Tritanopia

47.5932, -22.8063, -10.2550

Trichromacy



Original Color

47.5621, -6.6526, -37.4089

Protanomaly

47.0203, -0.0120, -34.6438

Deuteranomaly

47.4534, -0.8972, -38.2857

Tritanomaly

47.3443, -17.7286, -19.3863

Monochromacy



Original Color

47.5621, -6.6526, -37.4089

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.7047, -6.5845, -10.6321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5621, -6.6526, -37.4089 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(49, 137, 198)` looks like.

```
.text, #text, p{  
    color:rgb(49, 137, 198)  
}
```

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(49, 137, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 137, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5621, -6.6526, -37.4089 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(49, 137, 198) }
```


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

```
.border{ border-color:rgb(49, 137, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 137, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(49, 137,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5621, -6.6526, -37.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 137, 198) }
```

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

```
.background{ background-color: rgb(49, 137,  
198) }
```

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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