

Converting Colors

HunterLab(52.7475, -5.8586,
-49.2461)

Have a look what the booklet for
HunterLab(52.7475, -5.8586,
-49.2461) contains.

HunterLab(52.6629, -5.7316, -49.4679)	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(52.6629, -5.7316,
-49.4679)**

Conversions

Conversions Part 1

Format	Color
Hex	2496E3
RGB	36, 150, 227
RGB Percent	14%, 59%, 89%
CMY	0.8587, 0.4118, 0.1098
CMYK	0.84, 0.34, 0.00, 0.11
HSL	204°, 77%, 52%
HSV	204°, 84%, 89%
XYZ	25.4990, 27.7338, 76.6822
YIQ	124.6920, -92.6610, -0.2210

Conversions

Conversions Part 2

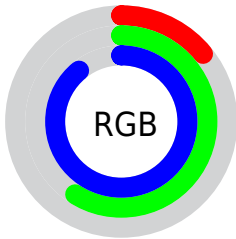
Format	Color
R _Y B	36, 107, 227
Decimal	2397923
CIE Lab	59.65, -3.59, -47.51
CIE LCh	60, 47.648, 265.680
Yxy	27.7347, 0.1963, 0.2135
Android (android.graphics.Color)	4280588003 (0xFF2496E3)
YUV	124.6920, 50.4378, -77.7829
Hunter-Lab	52.6629, -5.7316, -49.4679

Details

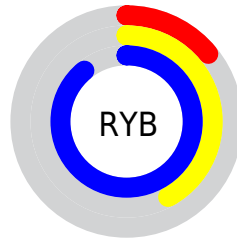
The HunterLab color **52.6629, -5.7316, -49.4679** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **53.1725, 34.1946, 31.5004**, and the grayscale version is **45.0032, -2.4013, 2.4451**.

A 20% lighter version of the original color is **73.4732, -15.4085, -31.3406**, and **34.7198, 0.4607, -44.3911** is the 20% darker color. If you saturate the color by 10%, you get **49.6381, -2.2212, -56.2567**, and if you desaturate by 10%, it is **55.9612, -8.3748, -42.6601**.

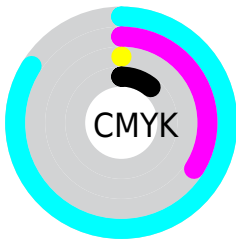
Distribution



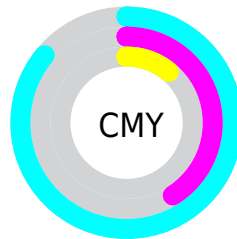
- Red (14%)
- Green (59%)
- Blue (89%)



- Red (14%)
- Yellow (42%)
- Blue (89%)



- Cyan (84%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



- Cyan (86%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6629, -5.7316, -49.4679 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 52.6629, -5.7316, -49.4679 by changing the saturation by 10% instead.

■ 52.6629, -5.7316,
-49.4679

■ 52.6629, -5.7316,
-49.4679

170.6450,
-13.4582, -55.3458

■ 42.5744, -4.9877,
-48.8570

■ 74.8736, -7.2878,
-50.8961

■ 33.2270, -4.2675,
-48.4442

■ 86.9174, -8.1016,
-51.6262

■ 24.6860, -3.5688,
-48.4485

■ 99.5456, -8.9385,
-52.3372

■ 17.0361, -2.8883,
-49.3757

■ 112.7322, -9.7983,
-53.0181

■ 10.3968, -2.2181,
-52.6384

■ 126.4546,
-10.6806, -53.6623

0.0000, NaN, -NF

140.6926,

0.0000, NaN, -NF

-11.5850, -54.2662

0.0000, NaN, -NF

155.4281,
-12.5110, -54.8277

0.0000, NaN, NaN

■ 52.6629, -5.7316,
-49.4679

■ 52.6629, -5.7316,
-49.4679

■ 49.6381, -2.2212,
-56.2567

■ 55.9612, -8.3748,
-42.6601

■ 47.9666, 0.1464,
-60.2702

■ 59.5251, -10.1470,
-35.8851

■ 63.3419, -11.0869,
-29.1879

■ 67.3943, -11.2581,
-22.6035

■ 71.6642, -10.7334,
-16.1539

■ 76.1338, -9.5872,
-9.8498

■ 80.7866, -7.8901,
-3.6937

■ 85.6071, -5.7069,
2.3182

■ 90.5815, -3.0948,
8.1933

Harmonies

Analogous

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



52.6637, -23.1274, -38.1261



52.6629, -5.7316, -49.4679



52.6637, 15.2587, -42.9830

Triad

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



52.6637, -5.7308, -49.4667



52.6637, 37.3406, 16.5921



52.6637, -31.4157, 19.8446

Complementary

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



52.6629, -5.7316, -49.4679



53.1725, 34.1946, 31.5004

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.



52.6637, -18.7346, 26.6044



52.6629, -5.7316, -49.4679



52.6637, 21.1407, 25.2891

Square

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



52.6637, -5.7308, -49.4667



52.6637, 42.2130, -0.0179



52.6637, 0.1701, 28.1301



52.6637, -36.4560, 5.5967

Rectangle

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



52.6629, -5.7316, -49.4679



52.6637, 28.2429, -30.3758



52.6637, 0.1701, 28.1301



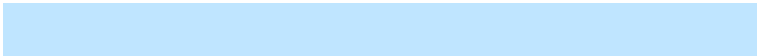
52.6637, -28.0089, 22.8201

Sweetspot

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



52.6637, -5.7308, -49.4667



86.3320, -11.1035, -11.9705



75.1619, -57.5673, 33.1192



39.0989, -5.3752, -6.7087

0.0000, NaN, NaN



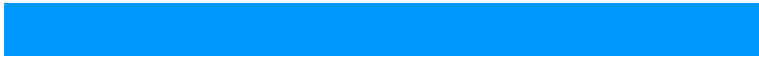
46.2646, -2.4686, 2.5136

Same Dimension

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



52.6637, -5.7308, -49.4667



54.5325, 0.5045, -69.2499



29.4367, 45.2974, -127.4441



39.1286, -3.2650, -0.4092



36.9495, -0.4332, -45.2485



10.9082, -1.5313, -10.3287

Inverse Universe

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



44.4928, 73.8489, -9.7421



48.5110, 87.7624, -4.9770



78.4365, -13.1692, 46.8388



38.0942, 2.3855, 0.5005



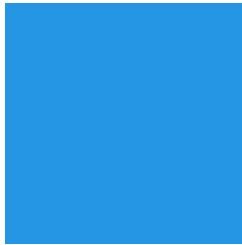
32.5207, 58.9266, -4.0546



8.9431, 16.3887, -2.5413

Previews

White Background



This preview shows how the HunterLab color 52.6629, -5.7316, -49.4679 looks on a white background.

Color Contrast Check

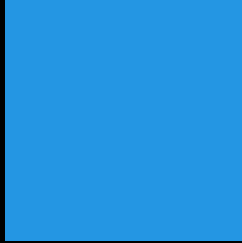
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6629, -5.7316, -49.4679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

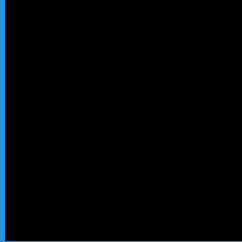
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

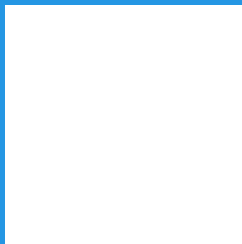
Any Text WCAG AAA × Fail

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

HunterLab 52.6629, -5.7316, -49.4679 Background



This preview shows how black text looks on a background with the HunterLab color 52.6629, -5.7316, -49.4679.

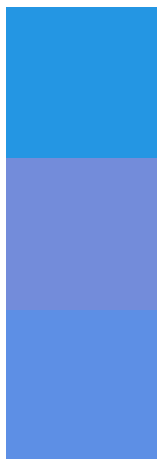


This preview shows how white text looks on a background with the HunterLab color 52.6629, -5.7316, -49.4679.

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

52.6629, -5.7316, -49.4679

Protanopia

52.4051, 7.4211, -42.6222

Deuteranopia

52.5635, 4.7272, -51.1428



Tritanopia

52.6294, -25.4428, -10.8586

Trichromacy



Original Color

52.6629, -5.7316, -49.4679

Protanomaly

52.1013, 0.8531, -45.7256

Deuteranomaly

52.4756, -0.1429, -50.5974

Tritanomaly

52.5586, -19.1003, -23.5510

Monochromacy



Original Color

52.6629, -5.7316, -49.4679

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.8892, -7.5909, -14.4626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.6629, -5.7316, -49.4679 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(36, 150, 227)` looks like.

```
.text, #text, p{  
    color:rgb(36, 150, 227)  
}
```

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(36, 150, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 150, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6629, -5.7316, -49.4679 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(36, 150, 227) }
```


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

```
.border{ border-color:rgb(36, 150, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 150, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 150, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 150, 227);  
box-shadow:4px 4px 4px 4px rgb(36, 150,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6629, -5.7316, -49.4679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 150, 227) }
```

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

```
.background{ background-color: rgb(36, 150,  
227) }
```

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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