

Converting Colors

HunterLab(59.2530, -3.6038,
-29.9234)

Have a look what the booklet for
HunterLab(59.2530, -3.6038,
-29.9234) contains.

HunterLab(59.2519, -3.6036, -29.9246)	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(59.2519, -3.6036,
-29.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	76A3DA
RGB	118, 163, 218
RGB Percent	46%, 64%, 85%
CMY	0.5372, 0.3608, 0.1451
CMYK	0.46, 0.25, 0.00, 0.15
HSL	213°, 57%, 66%
HSV	213°, 46%, 85%
XYZ	33.2233, 35.1079, 71.3550
YIQ	155.8150, -44.4750, 7.5650

Conversions

Conversions Part 2

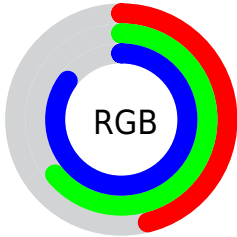
Format	Color
R_{YB}	118, 149, 218
Decimal	7775194
CIE _{Lab}	65.83, -0.51, -32.63
CIE _{LCh}	66, 32.633, 269.097
Yxy	35.1092, 0.2378, 0.2513
Android (android.graphics.Color)	4285965274 (0xFF76A3DA)
YUV	155.8150, 30.6572, -33.1638
Hunter-Lab	59.2519, -3.6036, -29.9246

Details

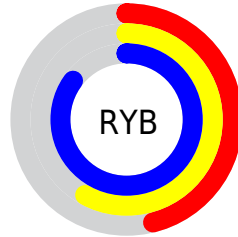
The HunterLab color $59.2519, -3.6036, -29.9246$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $67.8984, 5.0742, 26.9597$, and the grayscale version is $57.4768, -3.0668, 3.1228$.

A 20% lighter version of the original color is $81.4626, -9.8238, -18.8325$, and $39.0600, -2.5867, -28.5732$ is the 20% darker color. If you saturate the color by 10%, you get $54.4951, -1.7878, -38.6182$, and if you desaturate by 10%, it is $64.2477, -4.7296, -21.7056$.

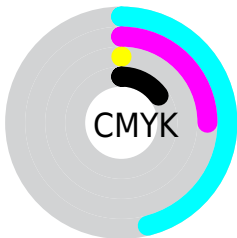
Distribution



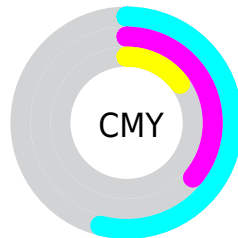
- Red (46%)
- Green (64%)
- Blue (85%)



- Red (46%)
- Yellow (58%)
- Blue (85%)



- Cyan (46%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2519, -3.6036, -29.9246 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 59.2519, -3.6036, -29.9246 by changing the saturation by 10% instead.

■ 59.2519, -3.6036,
-29.9246

■ 59.2519, -3.6036,
-29.9246

180.2914,
-10.2662, -33.0328

■ 48.7309, -3.0140,
-29.3372

■ 82.2526, -4.8830,
-30.9694

■ 38.9179, -2.4601,
-28.7308

■ 94.6611, -5.5693,
-31.4171

■ 29.8696, -1.9445,
-28.1449

■ 107.6375, -6.2849,
-31.8123

■ 21.6571, -1.4702,
-27.6738

121.1580, -7.0287,
-32.1555

■ 14.3761, -1.0410,
-27.5594

135.2015, -7.7995,
-32.4476

■ 8.0363, -0.7080,
-29.2216

149.7493, -8.5966,

0.0000, NaN, -NF

-32.6902

0.0000, NaN, -NF

164.7844, -9.4191,
-32.8847

0.0000, NaN, NaN

■ 59.2519, -3.6036,
-29.9246

■ 59.2519, -3.6036,
-29.9246

■ 54.4951, -1.7878,
-38.6182

■ 64.2477, -4.7296,
-21.7056

■ 50.0057, 0.8238,
-47.8179

■ 69.4517, -5.2631,
-13.9216

■ 45.8206, 4.3336,
-57.5184

■ 74.8421, -5.2900,
-6.5222

■ 41.9778, 8.8188,
-67.6649

■ 80.3993, -4.8833,
0.5413

■ 38.5110, 14.2898,
-78.1391

■ 86.1070, -4.1044,
7.3143

■ 37.1699, 16.7450,
-82.6069

■ 91.9512, -3.0045,
13.8376

■ 96.3342, -7.1296,
18.4122

■ 98.9151, -11.3120,
20.9944

Harmonies

Analogous

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



59.2530, -16.8243, -24.3670



59.2519, -3.6036, -29.9246



59.2530, 11.0229, -24.9695

Triad

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



59.2530, -3.6038, -29.9234



59.2530, 23.2391, 14.7350



59.2530, -25.2549, 15.3015

Complementary

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



59.2519, -3.6036, -29.9246



67.8984, 5.0742, 26.9597

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.



59.2530, -16.1316, 22.0459



59.2519, -3.6036, -29.9246



59.2530, 11.8565, 21.7785

Square

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



59.2530, -3.6038, -29.9234



59.2530, 27.3931, 2.8056



59.2530, -2.7245, 24.0995



59.2530, -28.5614, 3.6420

Rectangle

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



59.2519, -3.6036, -29.9246



59.2530, 19.4325, -16.9183



59.2530, -2.7245, 24.0995



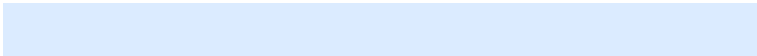
59.2530, -22.8128, 18.1051

Sweetspot

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



59.2530, -3.6038, -29.9234



90.5276, -6.2680, -6.2893



75.5065, -37.3705, 14.8273



41.2222, -2.9274, -3.7759

0.0000, NaN, NaN



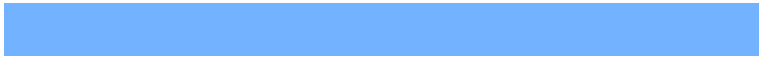
46.2646, -2.4686, 2.5136

Same Dimension

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



59.2530, -3.6038, -29.9234



65.2946, -2.2349, -45.7124



47.1500, 20.8508, -53.9900



36.8473, -2.3848, -0.9129



29.1300, 12.1872, -62.7186



8.4865, 0.9877, -12.7395

Inverse Universe

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



55.2340, 39.0843, -2.4769



60.5585, 57.2123, -2.8486



80.9924, -18.7964, 37.0301



36.2608, 2.0072, 1.1299



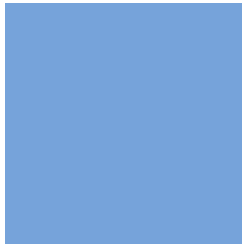
30.7902, 54.5170, 6.0373



7.9460, 14.2732, -0.0232

Previews

White Background



This preview shows how the HunterLab color 59.2519, -3.6036, -29.9246 looks on a white background.

Color Contrast Check

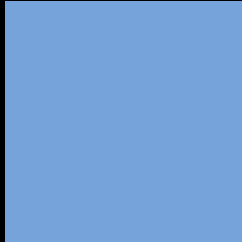
Large Text (above 18pt) WCAG AA × Fail

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 59.2519, -3.6036, -29.9246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

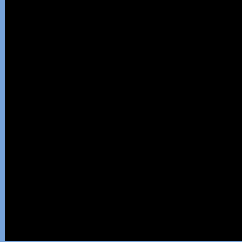
Any Text WCAG AA ✓ Pass

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 59.2519, -3.6036, -29.9246 Background



This preview shows how black text looks on a background with the HunterLab color 59.2519, -3.6036, -29.9246.



This preview shows how white text looks on a background with the HunterLab color 59.2519, -3.6036, -29.9246.

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

59.2519, -3.6036, -29.9246

Protanopia

58.9988, 4.2241, -27.5035

Deuteranopia

58.9948, 4.6503, -30.9194



Tritanopia

59.1464, -16.2289, -8.7469

Trichromacy



Original Color

59.2519, -3.6036, -29.9246

Protanomaly

58.9669, 1.2298, -28.2857

Deuteranomaly

59.0053, 1.7135, -30.9524

Tritanomaly

59.2180, -11.8024, -16.0048

Monochromacy



Original Color

59.2519, -3.6036, -29.9246

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.1393, -4.4481, -7.7447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.2519, -3.6036, -29.9246 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(118, 163, 218)` looks like.

```
.text, #text, p{  
    color:rgb(118, 163, 218)  
}
```

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(118, 163, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 163, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 59.2519, -3.6036, -29.9246 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(118, 163, 218) }
```


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

```
.border{ border-color:rgb(118, 163, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 163, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 163, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 163, 218);  
box-shadow:4px 4px 4px 4px rgb(118, 163,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.2519, -3.6036, -29.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 163, 218) }
```

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

```
.background{ background-color: rgb(118,  
163, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor