

Converting Colors

HunterLab(50.5229, 1.3160,
-36.6251)

Have a look what the booklet for
HunterLab(50.5229, 1.3160,
-36.6251) contains.

HunterLab(50.5229, 1.3160, -36.6251)	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(50.5229, 1.3160,
-36.6251)**

Conversions

Conversions Part 1

Format	Color
Hex	638BCD
RGB	99, 139, 205
RGB Percent	39%, 55%, 80%
CMY	0.6117, 0.4549, 0.1961
CMYK	0.52, 0.32, 0.00, 0.20
HSL	217°, 51%, 60%
HSV	217°, 52%, 80%
XYZ	25.3976, 25.5256, 61.3459
YIQ	134.5640, -45.0260, 12.0460

Conversions

Conversions Part 2

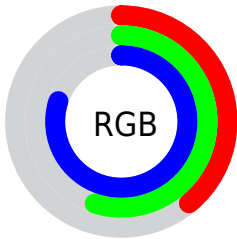
Format	Color
RYB	99, 128, 205
Decimal	6523853
CIELab	57.58, 4.88, -38.32
CIELCh	58, 38.625, 277.253
Yxy	25.5265, 0.2262, 0.2274
Android (android.graphics.Color)	4284713933 (0xFF638BCD)
YUV	134.5640, 34.7249, -31.1896
Hunter-Lab	50.5229, 1.3160, -36.6251

Details

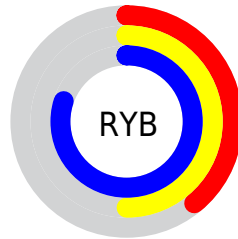
The HunterLab color $50.5229, 1.3160, -36.6251$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $63.8684, 2.4966, 28.4398$, and the grayscale version is $48.9300, -2.6108, 2.6585$.

A 20% lighter version of the original color is $72.0332, -1.1231, -33.5041$, and $31.2700, 1.8708, -35.4083$ is the 20% darker color. If you saturate the color by 10%, you get $45.8601, 4.1847, -46.3403$, and if you desaturate by 10%, it is $55.4493, -0.8251, -27.6055$.

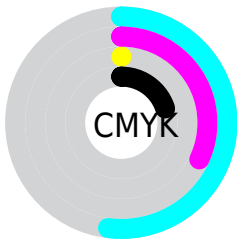
Distribution



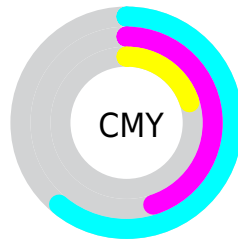
- Red (39%)
- Green (55%)
- Blue (80%)



- Red (39%)
- Yellow (50%)
- Blue (80%)



- Cyan (52%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (61%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5229, 1.3160, -36.6251 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 50.5229, 1.3160, -36.6251 by changing the saturation by 10% instead.

■ 50.5229, 1.3160,
-36.6251

■ 50.5229, 1.3160,
-36.6251

167.4664, -3.0089,
-41.2016

■ 40.5830, 1.5733,
-35.9800

■ 72.4639, 0.6423,
-37.9216

■ 31.3962, 1.7686,
-35.4125

■ 84.3835, 0.2352,
-38.5279

■ 23.0312, 1.8923,
-35.0563

■ 96.8933, -0.2141,
-39.0922

■ 15.5786, 1.9299,
-35.2401

■ 109.9667, -0.7028,
-39.6102

■ 9.1635, 1.8736,
-36.9694

123.5802, -1.2284,
-40.0802

0.0000, NaN, -NF

0.0000, NaN, -NF

137.7134, -1.7891,

-40.5018

0.0000, NaN, NaN

152.3476, -2.3831,
-40.8753

0.0000, NaN, NaN

■ 50.5229, 1.3160,
-36.6251

■ 50.5229, 1.3160,
-36.6251

■ 45.8601, 4.1847,
-46.3403

■ 55.4493, -0.8251,
-27.6055

■ 41.5013, 7.9006,
-56.8037

■ 60.6012, -2.3525,
-19.2075

■ 37.4986, 12.5691,
-67.9964

■ 65.9504, -3.3652,
-11.3456

■ 33.9077, 18.2357,
-79.7811

■ 71.4737, -3.9463,
-3.9397

■ 31.2499, 23.5581,
-89.9150

■ 77.1520, -4.1640,
3.0817

■ 82.9695, -4.0741,
9.7802

■ 88.9133, -3.7219,
16.2081

■ 94.1530, -5.9912,
21.5404

■ 98.2224, -12.5774,
25.4395

Harmonies

Analogous

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



50.5238, -14.2458, -33.1574



50.5229, 1.3160, -36.6251



50.5238, 17.6895, -27.1714

Triad

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



50.5238, 1.3161, -36.6239



50.5238, 24.7218, 17.6637



50.5238, -28.4563, 12.9659

Complementary

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



50.5229, 1.3160, -36.6251



63.8684, 2.4966, 28.4398

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.



50.5238, -20.2918, 21.1799



50.5229, 1.3160, -36.6251



50.5238, 9.9891, 23.2312

Square

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



50.5238, 1.3161, -36.6239



50.5238, 32.2701, 6.3684



50.5238, -6.5916, 24.2751



50.5238, -30.1617, -1.1572

Rectangle

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



50.5229, 1.3160, -36.6251



50.5238, 26.4295, -16.1633



50.5238, -6.5916, 24.2751



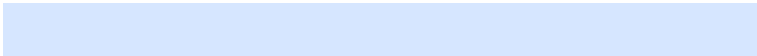
50.5238, -26.4313, 16.3562

Sweetspot

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



50.5238, 1.3161, -36.6239



88.2696, -4.7785, -9.2397



70.0069, -36.5553, 12.6044



40.1567, -2.1367, -5.1913

0.0000, NaN, NaN



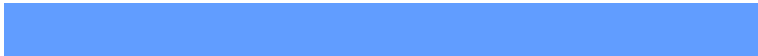
46.2646, -2.4686, 2.5136

Same Dimension

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



50.5238, 1.3161, -36.6239



58.0696, 5.8158, -60.7121



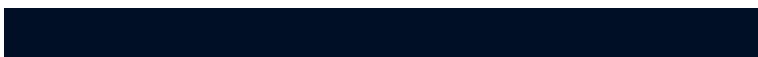
40.9097, 24.7672, -58.0664



33.9502, -1.8785, -1.0656



24.9977, 17.7524, -69.5674



6.8368, 1.5293, -11.8467

Inverse Universe

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



48.7524, 40.2668, 1.0393



56.7540, 62.8245, 2.9538



74.7352, -20.9589, 36.3188



33.5895, 1.7176, 1.3434



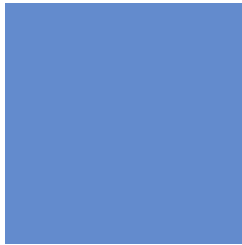
29.0410, 50.9520, 9.3216



6.7062, 11.9751, 0.5310

Previews

White Background



This preview shows how the HunterLab color 50.5229, 1.3160, -36.6251 looks on a white background.

Color Contrast Check

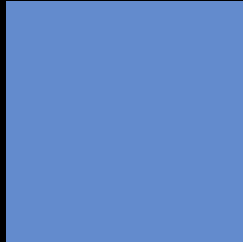
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5229, 1.3160, -36.6251 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

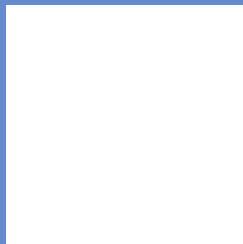
Any Text WCAG AAA × Fail

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

HunterLab 50.5229, 1.3160, -36.6251 Background



This preview shows how black text looks on a background with the HunterLab color 50.5229, 1.3160, -36.6251.



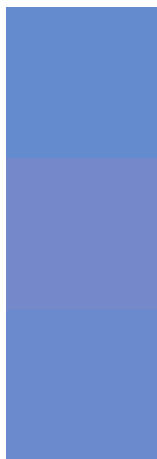
This preview shows how white text looks on a background with the HunterLab color 50.5229, 1.3160, -36.6251.

-36.6251.

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

50.5229, 1.3160, -36.6251

Protanopia

50.5822, 5.5876, -34.2301

Deuteranopia

50.4231, 3.9016, -36.7755



Tritanopia

50.5991, -15.9081, -8.0696

Trichromacy



Original Color

50.5229, 1.3160, -36.6251

Protanomaly

50.5155, 4.0205, -35.1162

Deuteranomaly

50.5250, 2.7896, -36.5951

Tritanomaly

50.5067, -10.3458, -17.2764

Monochromacy



Original Color

50.5229, 1.3160, -36.6251

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.2788, -2.2909, -9.6890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5229, 1.3160, -36.6251 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(99, 139, 205)` looks like.

```
.text, #text, p{  
    color:rgb(99, 139, 205)  
}
```

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(99, 139, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 139, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5229, 1.3160, -36.6251 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(99, 139, 205) }
```


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

```
.border{ border-color:rgb(99, 139, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 139, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 139, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 139, 205);  
box-shadow:4px 4px 4px 4px rgb(99, 139,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5229, 1.3160, -36.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 139, 205) }
```

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

```
.background{ background-color: rgb(99, 139,  
205) }
```

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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