

Converting Colors

HunterLab(50.4193, -5.1454,
-36.1996)

Have a look what the booklet for
HunterLab(50.4193, -5.1454,
-36.1996) contains.

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Color

**HunterLab(50.4193, -5.1454,
-36.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	498FCC
RGB	73, 143, 204
RGB Percent	29%, 56%, 80%
CMY	0.7137, 0.4392, 0.2000
CMYK	0.64, 0.30, 0.00, 0.20
HSL	208°, 56%, 54%
HSV	208°, 64%, 80%
XYZ	23.4692, 25.4211, 60.7966
YIQ	129.0240, -61.3010, 4.1310

Conversions

Conversions Part 2

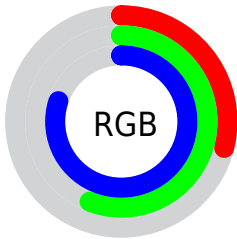
Format	Color
R _Y B	73, 119, 204
Decimal	4820940
CIE Lab	57.48, -3.06, -37.99
CIE LCh	57, 38.117, 265.402
Yxy	25.4219, 0.2140, 0.2318
Android (android.graphics.Color)	4283011020 (0xFF498FCC)
YUV	129.0240, 36.9632, -49.1330
Hunter-Lab	50.4193, -5.1454, -36.1996

Details

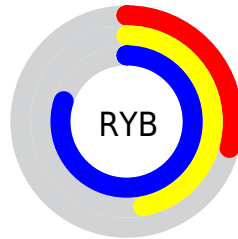
The HunterLab color $50.4193, -5.1454, -36.1996$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $55.1095, 15.7281, 27.4507$, and the grayscale version is $46.7410, -2.4940, 2.5395$.

A 20% lighter version of the original color is $72.2074, -8.4732, -33.3376$, and $31.6206, -2.6160, -33.8759$ is the 20% darker color. If you saturate the color by 10%, you get $46.9243, -2.9818, -43.3195$, and if you desaturate by 10%, it is $54.1551, -6.5531, -29.2886$.

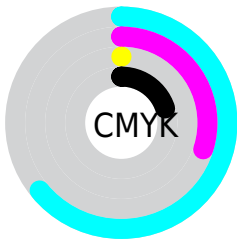
Distribution



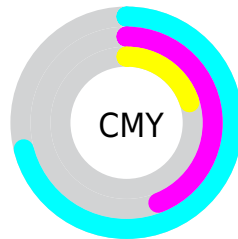
- Red (29%)
- Green (56%)
- Blue (80%)



- Red (29%)
- Yellow (47%)
- Blue (80%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4193, -5.1454, -36.1996 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 50.4193, -5.1454, -36.1996 by changing the saturation by 10% instead.

■ 50.4193, -5.1454,
-36.1996

■ 50.4193, -5.1454,
-36.1996

167.3119,
-12.6132, -40.7230

■ 40.4867, -4.4381,
-35.5556

■ 72.3470, -6.6356,
-37.4885

■ 31.3077, -3.7566,
-34.9857

■ 84.2606, -7.4185,
-38.0895

■ 22.9515, -3.0996,
-34.6214

■ 96.7646, -8.2259,
-38.6478

■ 15.5086, -2.4645,
-34.7863

■ 109.8324, -9.0574,
-39.1593

■ 9.1025, -1.9491,
-36.4877

■ 123.4406, -9.9123,
-39.6226

0.0000, NaN, -NF

0.0000, NaN, -NF

137.5686,

-10.7903, -40.0373

0.0000, NaN, NaN

152.1979,
-11.6908, -40.4038

0.0000, NaN, NaN

■ 50.4193, -5.1454,
-36.1996

■ 50.4193, -5.1454,
-36.1996

■ 46.9243, -2.9818,
-43.3195

■ 54.1551, -6.5531,
-29.2886

■ 43.6876, -0.0103,
-50.6096

■ 58.1079, -7.2774,
-22.6111

■ 40.7246, 3.7811,
-58.0099

■ 62.2579, -7.3940,
-16.1705

■ 39.1127, 6.2537,
-62.3874

■ 66.5863, -6.9765,
-9.9595

■ 71.0763, -6.0920,
-3.9639

■ 75.7130, -4.7999,
1.8341

■ 80.4833, -3.1515,
7.4540

■ 85.3760, -1.1912,
12.9149

■ 90.2114, 0.4641,
18.0500

Harmonies

Analogous

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



50.4202, -19.0579, -27.9213



50.4193, -5.1454, -36.1996



50.4202, 11.2502, -31.6588

Triad

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



50.4202, -5.1451, -36.1985



50.4202, 28.3468, 13.7902



50.4202, -25.6793, 16.7385

Complementary

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



50.4193, -5.1454, -36.1996



55.1095, 15.7281, 27.4507

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.



50.4202, -15.2685, 22.7236



50.4193, -5.1454, -36.1996



50.4202, 16.0685, 21.4327

Square

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



50.4202, -5.1451, -36.1985



50.4202, 31.9307, 0.3320



50.4202, -0.1931, 24.1241



50.4202, -29.9315, 5.0434

Rectangle

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



50.4193, -5.1454, -36.1996



50.4202, 21.2352, -22.5469



50.4202, -0.1931, 24.1241



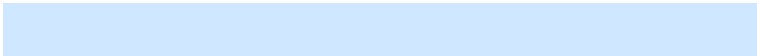
50.4202, -22.8526, 19.3213

Sweetspot

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



50.4202, -5.1451, -36.1985



88.5331, -8.4830, -8.9530



68.0203, -44.2374, 22.1256



40.1887, -4.0663, -5.1816

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4202, -5.1451, -36.1985



58.7667, -2.5123, -59.2823



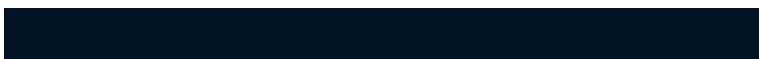
33.8365, 27.7439, -78.7658



34.3803, -2.5880, -0.5384



31.3317, 4.3988, -48.6577



8.1085, -0.7205, -8.5796

Inverse Universe

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



44.2570, 52.5957, -6.6230



51.9777, 78.8511, -6.4206



73.1139, -15.2207, 39.6734



33.6336, 1.9546, 0.7149



29.6547, 53.1922, 0.4985



6.8478, 12.4876, -1.4708

Previews

White Background



This preview shows how the HunterLab color 50.4193, -5.1454, -36.1996 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 50.4193, -5.1454, -36.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

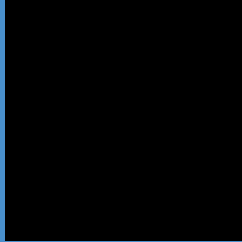
Any Text WCAG AA ✓ Pass

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 50.4193, -5.1454, -36.1996 Background



This preview shows how black text looks on a background with the HunterLab color 50.4193, -5.1454, -36.1996.

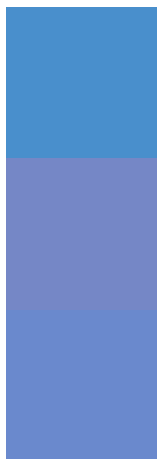


This preview shows how white text looks on a background with the HunterLab color 50.4193, -5.1454,

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

50.4193, -5.1454, -36.1996

Protanopia

50.1867, 5.3348, -32.0987

Deuteranopia

50.3620, 3.6968, -36.8992



Tritanopia

50.4791, -21.0011, -9.9611

Trichromacy



Original Color

50.4193, -5.1454, -36.1996

Protanomaly

50.1137, 0.9235, -33.7534

Deuteranomaly

50.2521, 0.3929, -37.1735

Tritanomaly

50.3229, -15.6001, -18.8891

Monochromacy



Original Color

50.4193, -5.1454, -36.1996

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.6463, -5.3350, -9.8727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4193, -5.1454, -36.1996 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(73, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(73, 143, 204)  
}
```

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(73, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 143, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4193, -5.1454, -36.1996 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(73, 143, 204) }
```


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

```
.border{ border-color:rgb(73, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(73, 143,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4193, -5.1454, -36.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 143, 204) }
```

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

```
.background{ background-color: rgb(73, 143,  
204) }
```

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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