

Converting Colors

HunterLab(50.4196, 2.9501,
-40.5819)

Have a look what the booklet for
HunterLab(50.4196, 2.9501,
-40.5819) contains.

HunterLab(50.4250, 2.9386, -40.5691)	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(50.4250, 2.9386,
-40.5691)**

Conversions

Conversions Part 1

Format	Color
Hex	628AD2
RGB	98, 138, 210
RGB Percent	38%, 54%, 82%
CMY	0.6157, 0.4588, 0.1765
CMYK	0.53, 0.34, 0.00, 0.18
HSL	219°, 55%, 60%
HSV	219°, 53%, 82%
XYZ	25.7584, 25.4268, 64.5231
YIQ	134.2480, -46.9520, 13.9120

Conversions

Conversions Part 2

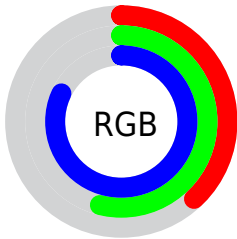
Format	Color
R_{YB}	98, 127, 210
Decimal	6458066
CIE _{Lab}	57.49, 6.80, -41.28
CIE _{LCh}	57, 41.840, 279.359
Yxy	25.4277, 0.2226, 0.2198
Android (android.graphics.Color)	4284648146 (0xFF628AD2)
YUV	134.2480, 37.3457, -31.7895
Hunter-Lab	50.4250, 2.9386, -40.5691

Details

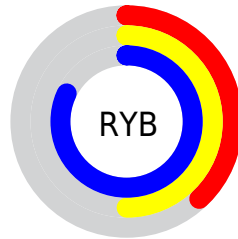
The HunterLab color $50.4250, 2.9386, -40.5691$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65.8291, 1.8274, 30.1870$, and the grayscale version is $48.7955, -2.6036, 2.6512$.

A 20% lighter version of the original color is $71.7288, -0.6046, -34.0131$, and $31.4426, 2.9736, -39.0480$ is the 20% darker color. If you saturate the color by 10%, you get $45.5769, 6.2640, -51.1249$, and if you desaturate by 10%, it is $55.5615, 0.3972, -30.8213$.

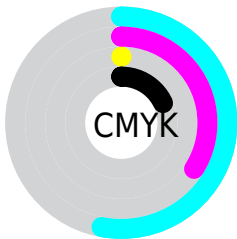
Distribution



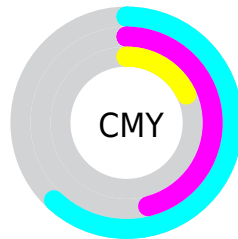
- Red (38%)
- Green (54%)
- Blue (82%)



- Red (38%)
- Yellow (50%)
- Blue (82%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4250, 2.9386, -40.5691 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 50.4250, 2.9386, -40.5691 by changing the saturation by 10% instead.

■ 50.4250, 2.9386,
-40.5691

■ 50.4250, 2.9386,
-40.5691

167.3204, -0.6345,
-45.6420

■ 40.4920, 3.0898,
-39.9275

■ 72.3535, 2.4590,
-41.9270

■ 31.3126, 3.1710,
-39.4073

■ 84.2673, 2.1415,
-42.5829

■ 22.9559, 3.1706,
-39.1784

■ 96.7717, 1.7779,
-43.2036

■ 15.5125, 3.0711,
-39.6534

■ 109.8398, 1.3713,
-43.7829

■ 9.1059, 2.8691,
-42.1011

123.4483, 0.9247,
-44.3173

0.0000, NaN, -NF

0.0000, NaN, -NF

137.5766, 0.4402,

-44.8055

0.0000, NaN, -NF

152.2062, -0.0801,
-45.2469

0.0000, NaN, NaN

■ 50.4250, 2.9386,
-40.5691

■ 50.4250, 2.9386,
-40.5691

■ 45.5769, 6.2640,
-51.1249

■ 55.5615, 0.3972,
-30.8213

■ 41.0649, 10.5024,
-62.5462

■ 60.9429, -1.4861,
-21.7929

■ 36.9498, 15.7596,
-74.7943

■ 66.5374, -2.8206,
-13.3813

■ 33.2976, 22.0573,
-87.6656

■ 72.3186, -3.6979,
-5.4910

■ 31.1206, 26.6931,
-96.5207

■ 78.2654, -4.1927,
1.9629

■ 84.3604, -4.3659,
9.0529

■ 90.5895, -4.2665,
15.8396

■ 95.8268, -7.8179,
21.1858

■ 98.7083, -12.4592,
23.9813

Harmonies

Analogous

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



50.4259, -14.0959, -37.7200



50.4250, 2.9386, -40.5691



50.4259, 20.6568, -29.0974

Triad

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



50.4259, 2.9388, -40.5679



50.4259, 26.2863, 19.2123



50.4259, -30.6579, 12.8409

Complementary

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



50.4250, 2.9386, -40.5691



65.8291, 1.8274, 30.1870

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.



50.4259, -22.4416, 21.8547



50.4250, 2.9386, -40.5691



50.4259, 9.8222, 24.5583

Square

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



50.4259, 2.9388, -40.5679



50.4259, 35.3047, 7.7125



50.4259, -8.0886, 25.3228



50.4259, -31.9726, -2.7861

Rectangle

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



50.4250, 2.9386, -40.5691



50.4259, 29.9142, -16.6123



50.4259, -8.0886, 25.3228



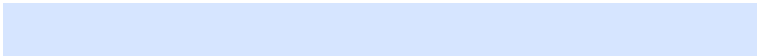
50.4259, -28.6714, 16.5697

Sweetspot

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



50.4259, 2.9388, -40.5679



88.0103, -4.3472, -9.5791



71.8002, -38.0420, 12.6071



40.0217, -1.9119, -5.3715

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4259, 2.9388, -40.5679



55.9681, 8.4620, -65.5877



41.1050, 27.0904, -62.1453



34.7833, -1.8335, -1.1734



24.6597, 19.9452, -73.8784



6.9882, 2.1151, -13.3005

Inverse Universe

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



49.2678, 42.5243, 2.1661



55.7534, 64.3095, 4.7590



76.5420, -22.5347, 37.8185



34.4630, 1.7431, 1.4597



29.4706, 51.5800, 10.4329



7.0753, 12.5869, 0.9259

Previews

White Background



This preview shows how the HunterLab color 50.4250, 2.9386, -40.5691 looks on a white background.

Color Contrast Check

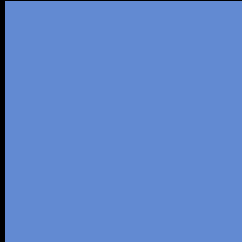
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4250, 2.9386, -40.5691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

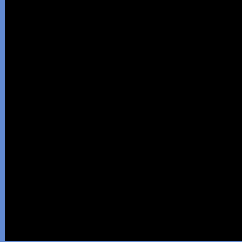
Any Text WCAG AA ✓ Pass

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 50.4250, 2.9386, -40.5691 Background



This preview shows how black text looks on a background with the HunterLab color 50.4250, 2.9386, -40.5691.



This preview shows how white text looks on a background with the HunterLab color 50.4250, 2.9386, -40.5691.

-40.5691.

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

50.4250, 2.9386, -40.5691

Protanopia

50.3257, 6.7429, -39.1756

Deuteranopia

50.3679, 4.2038, -40.6634



Tritanopia

50.4216, -16.5733, -8.3279

Trichromacy



Original Color

50.4250, 2.9386, -40.5691

Protanomaly

50.3364, 5.4449, -39.9389

Deuteranomaly

50.3102, 4.0109, -40.7846

Tritanomaly

50.1868, -9.7938, -19.0060

Monochromacy



Original Color

50.4250, 2.9386, -40.5691

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.9914, -1.6767, -11.2091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4250, 2.9386, -40.5691 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(98, 138, 210)` looks like.

```
.text, #text, p{  
    color:rgb(98, 138, 210)  
}
```

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(98, 138, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 138, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4250, 2.9386, -40.5691 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(98, 138, 210) }
```


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

```
.border{ border-color:rgb(98, 138, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 138, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 138, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 138, 210);  
box-shadow:4px 4px 4px 4px rgb(98, 138,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4250, 2.9386, -40.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 138, 210) }
```

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

```
.background{ background-color: rgb(98, 138,  
210) }
```

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