

Converting Colors

HunterLab(50.7130, -7.0808,
-36.7609)

Have a look what the booklet for
HunterLab(50.7130, -7.0808,
-36.7609) contains.

HunterLab(50.6781, -7.2124, -36.4712)	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(50.6781, -7.2124,
-36.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	3E91CD
RGB	62, 145, 205
RGB Percent	24%, 57%, 80%
CMY	0.7568, 0.4314, 0.1961
CMYK	0.70, 0.29, 0.00, 0.20
HSL	205°, 59%, 52%
HSV	205°, 70%, 80%
XYZ	23.1314, 25.6827, 61.4957
YIQ	127.0230, -68.7280, 1.0640

Conversions

Conversions Part 2

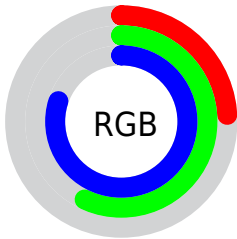
Format	Color
R _Y B	62, 115, 205
Decimal	4100557
CIE _{Lab}	57.74, -5.65, -38.19
CIE _{LCh}	58, 38.606, 261.583
Y _{xy}	25.6836, 0.2097, 0.2328
Android (android.graphics.Color)	4282290637 (0xFF3E91CD)
Y _{UV}	127.0230, 38.4427, -57.0252
Hunter-Lab	50.6781, -7.2124, -36.4712

Details

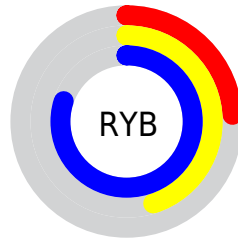
The HunterLab color $50.6781, -7.2124, -36.4712$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $52.1998, 21.5207, 27.3641$, and the grayscale version is $45.9524, -2.4519, 2.4967$.

A 20% lighter version of the original color is $72.4064, -11.0147, -33.0460$, and $32.2280, -3.2431, -33.2812$ is the 20% darker color. If you saturate the color by 10%, you get $47.5510, -5.0774, -42.8052$, and if you desaturate by 10%, it is $54.0417, -8.5830, -30.2173$.

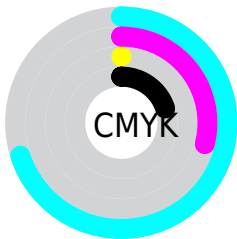
Distribution



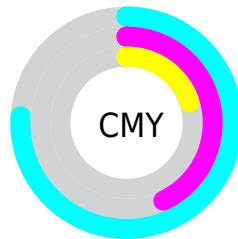
- Red (24%)
- Green (57%)
- Blue (80%)



- Red (24%)
- Yellow (45%)
- Blue (80%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6781, -7.2124, -36.4712 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 50.6781, -7.2124, -36.4712 by changing the saturation by 10% instead.

■ 50.6781, -7.2124,
-36.4712

■ 50.6781, -7.2124,
-36.4712

167.6977,
-15.7366, -41.0203

■ 40.7272, -6.3521,
-35.8259

■ 72.6389, -8.9787,
-37.7642

■ 31.5286, -5.5044,
-35.2551

■ 84.5676, -9.8882,
-38.3677

■ 23.1507, -4.6638,
-34.8897

■ 97.0861, -10.8160,
-38.9288

■ 15.6835, -3.8208,
-35.0503

■ 110.1677,
-11.7625, -39.4434

■ 9.2540, -3.1552,
-36.7013

■ 123.7893,
-12.7279, -39.9099

0.0000, NaN, -NF

137.9301,

0.0000, NaN, -NF

-13.7120, -40.3278

0.0000, NaN, NaN

152.5718,
-14.7150, -40.6977

0.0000, NaN, NaN

■ 50.6781, -7.2124,
-36.4712

■ 50.6781, -7.2124,
-36.4712

■ 47.5510, -5.0774,
-42.8052

■ 54.0417, -8.5830,
-30.2173

■ 44.6689, -2.1578,
-49.1767

■ 57.6238, -9.2412,
-24.0825

■ 42.0138, 1.4475,
-55.5945

■ 61.4080, -9.2510,
-18.0886

■ 41.9493, 1.5402,
-55.7579

■ 65.3776, -8.6804,
-12.2466

■ 69.5166, -7.5950,
-6.5584

■ 73.8106, -6.0556,
-1.0198

■ 78.2462, -4.1165,
4.3775

■ 82.8119, -1.8255,
9.6439

■ 87.4973, 0.7761,
14.7909

Harmonies

Analogous

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



50.6790, -20.7435, -26.5915



50.6781, -7.2124, -36.4712



50.6790, 9.3415, -33.5203

Triad

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



50.6790, -7.2120, -36.4701



50.6790, 29.8435, 12.5435



50.6790, -24.9937, 18.0042

Complementary

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



50.6781, -7.2124, -36.4712



52.1998, 21.5207, 27.3641

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.



50.6790, -13.7251, 23.3846



50.6781, -7.2124, -36.4712



50.6790, 18.2689, 20.9959

Square

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



50.6790, -7.2120, -36.4701



50.6790, 32.1616, -1.8010



50.6790, 1.9614, 24.2728



50.6790, -30.1265, 6.9303

Rectangle

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



50.6781, -7.2124, -36.4712



50.6790, 19.8102, -24.9833



50.6790, 1.9614, 24.2728



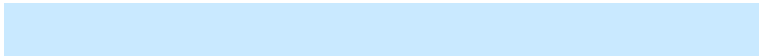
50.6790, -21.8708, 20.3723

Sweetspot

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



50.6790, -7.2120, -36.4701



88.1546, -9.9700, -9.4843



67.8840, -46.9961, 25.0421



40.0934, -4.8092, -5.3244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6790, -7.2120, -36.4701



58.8572, -4.6364, -59.1171



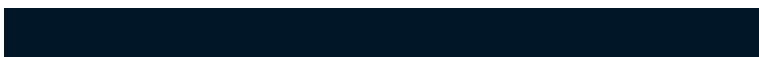
32.1244, 29.6332, -86.2869



34.5071, -2.7956, -0.3842



33.3865, 0.7125, -43.2684



8.5033, -1.3484, -7.7175

Inverse Universe

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



42.9766, 57.7469, -9.4646



50.5501, 83.9587, -9.2018



71.7667, -13.3295, 40.2228



33.6467, 2.0249, 0.5284



29.8802, 54.0095, -2.6977



6.8959, 12.6608, -2.1428

Previews

White Background



This preview shows how the HunterLab color 50.6781, -7.2124, -36.4712 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 50.6781, -7.2124, -36.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

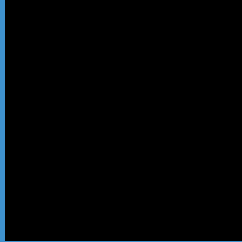
Any Text WCAG AA ✓ Pass

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 50.6781, -7.2124, -36.4712 Background



This preview shows how black text looks on a background with the HunterLab color 50.6781, -7.2124, -36.4712.

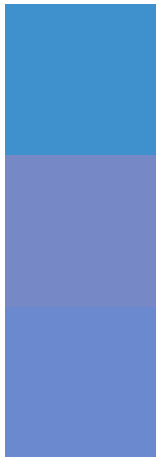


This preview shows how white text looks on a background with the HunterLab color 50.6781, -7.2124, -36.4712.

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

50.6781, -7.2124, -36.4712

Protanopia

50.4887, 4.8158, -30.8364

Deuteranopia

50.4584, 4.2123, -38.1977



Tritanopia

50.7998, -22.9160, -10.6454

Trichromacy



Original Color

50.6781, -7.2124, -36.4712

Protanomaly

50.2315, -0.1505, -33.5479

Deuteranomaly

50.3846, -0.5427, -37.6761

Tritanomaly

50.6178, -17.5558, -19.6949

Monochromacy



Original Color

50.6781, -7.2124, -36.4712

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2232, -6.9099, -9.9566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6781, -7.2124, -36.4712 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(62, 145, 205)` looks like.

```
.text, #text, p{  
    color:rgb(62, 145, 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(62, 145, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 145, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6781, -7.2124, -36.4712 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(62, 145, 205) }
```


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

```
.border{ border-color:rgb(62, 145, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 145, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 145, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 145, 205);  
box-shadow:4px 4px 4px 4px rgb(62, 145,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6781, -7.2124, -36.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 145, 205) }
```

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

```
.background{ background-color: rgb(62, 145,  
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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