

Converting Colors

HunterLab(64.5972, -4.7918,
-23.2967)

Have a look what the booklet for
HunterLab(64.5972, -4.7918,
-23.2967) contains.

HunterLab(64.5557, -4.9758, -23.1350)	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(64.5557, -4.9758,
-23.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB0DD
RGB	138, 176, 221
RGB Percent	54%, 69%, 87%
CMY	0.4588, 0.3098, 0.1333
CMYK	0.38, 0.20, 0.00, 0.13
HSL	213°, 55%, 70%
HSV	213°, 38%, 87%
XYZ	39.0577, 41.6744, 74.3920
YIQ	169.7680, -37.0930, 5.9390

Conversions

Conversions Part 2

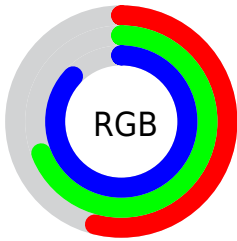
Format	Color
R _{YB}	138, 164, 221
Decimal	9089245
CIE Lab	70.65, -1.75, -26.76
CIE LCh	71, 26.817, 266.269
Yxy	41.6760, 0.2518, 0.2687
Android (android.graphics.Color)	4287279325 (0xFF8AB0DD)
YUV	169.7680, 25.2574, -27.8605
Hunter-Lab	64.5557, -4.9758, -23.1350

Details

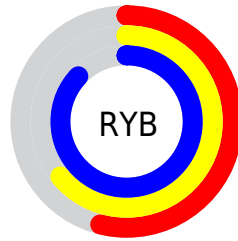
The HunterLab color **64.5557, -4.9758, -23.1350** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **71.4668, 3.1647, 24.1439**, and the grayscale version is **63.2170, -3.3731, 3.4347**.

A 20% lighter version of the original color is **87.0868, -11.2323, -10.9445**, and **43.6501, -3.8152, -22.1725** is the 20% darker color. If you saturate the color by 10%, you get **59.5697, -3.8039, -31.4463**, and if you desaturate by 10%, it is **69.7602, -5.5304, -15.2512**.

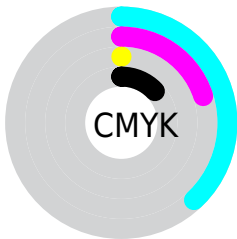
Distribution



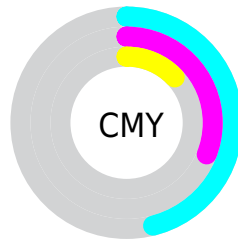
- Red (54%)
- Green (69%)
- Blue (87%)



- Red (54%)
- Yellow (64%)
- Blue (87%)



- Cyan (38%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5557, -4.9758, -23.1350 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 64.5557, -4.9758, -23.1350 by changing the saturation by 10% instead.

■ 64.5557, -4.9758,
-23.1350

■ 64.5557, -4.9758,
-23.1350

187.9197,
-12.2242, -24.6412

■ 53.7100, -4.3052,
-22.6942

■ 88.1527, -6.4053,
-23.8402

■ 43.5495, -3.6644,
-22.2012

■ 100.8377, -7.1611,
-24.1080

■ 34.1254, -3.0553,
-21.6661

■ 114.0788, -7.9434,
-24.3211

■ 25.5005, -2.4788,
-21.1190

127.8536, -8.7512,
-24.4817

■ 17.7570, -1.9360,
-20.6385

142.1421, -9.5839,
-24.5919

■ 11.0099, -1.4266,
-20.4597

156.9264,

■ 2.6762, -2.9845,

-10.4407, -24.6538

-49.5691

172.1905,
-11.3210, -24.6696

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.5557, -4.9758,
-23.1350

■ 64.5557, -4.9758,
-23.1350

■ 59.5697, -3.8039,
-31.4463

■ 69.7602, -5.5304,
-15.2512

■ 54.8262, -1.9138,
-40.2268

■ 75.1556, -5.5544,
-7.7531

■ 50.3586, 0.7996,
-49.4951

■ 80.7231, -5.1241,
-0.5928

■ 46.2025, 4.4357,
-59.2373

■ 86.4457, -4.3035,
6.2739

■ 42.3945, 9.0627,

■ 92.3091, -3.1461,

-69.3879

12.8874

■ 38.9597, 14.6592,
-79.8408

■ 96.7213, -7.1785,
17.5400

■ 38.1621, 16.1131,
-82.4829

■ 98.9952, -10.8686,
19.8397

Harmonies

Analogous

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



64.5569, -16.0341, -18.0767



64.5557, -4.9758, -23.1350



64.5569, 7.3294, -20.0256

Triad

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



64.5569, -4.9763, -23.1337



64.5569, 19.1004, 12.6790



64.5569, -21.9212, 14.7760

Complementary

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



64.5557, -4.9758, -23.1350



71.4668, 3.1647, 24.1439

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.



64.5569, -13.5618, 20.5741



64.5557, -4.9758, -23.1350



64.5569, 10.1827, 19.5316

Square

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



64.5569, -4.9763, -23.1337



64.5569, 21.8227, 2.0363



64.5569, -1.9055, 22.1380



64.5569, -25.3449, 4.9576

Rectangle

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



64.5557, -4.9758, -23.1350



64.5569, 14.5003, -14.0058



64.5569, -1.9055, 22.1380



64.5569, -19.6272, 17.1833

Sweetspot

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



64.5569, -4.9763, -23.1337



92.5963, -6.2608, -3.6301



77.7853, -33.2956, 13.5038



42.4243, -2.9312, -2.2099

0.0000, NaN, NaN



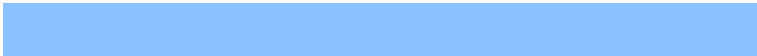
46.2646, -2.4686, 2.5136

Same Dimension

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



64.5569, -4.9763, -23.1337



71.3183, -4.8440, -34.7903



53.8898, 15.2833, -41.7881



36.8707, -2.4234, -0.8842



29.4634, 11.4808, -61.6104



8.5635, 0.8472, -12.5326

Inverse Universe

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



60.5682, 31.7672, -2.3311



66.2798, 46.2891, -3.3685



82.7588, -16.6492, 33.4770



36.2632, 2.0201, 1.0957



30.8222, 54.6339, 5.5765



7.9544, 14.3034, -0.1417

Previews

White Background



This preview shows how the HunterLab color 64.5557, -4.9758, -23.1350 looks on a white background.

Color Contrast Check

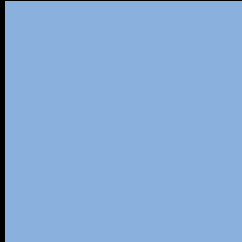
Large Text (above 18pt) WCAG AA × Fail

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 64.5557, -4.9758, -23.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

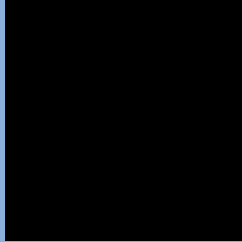
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

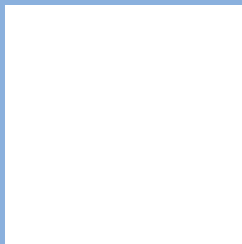
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.5557, -4.9758, -23.1350 Background



This preview shows how black text looks on a background with the HunterLab color 64.5557, -4.9758, -23.1350.



This preview shows how white text looks on a background with the HunterLab color 64.5557, -4.9758, -23.1350.

-23.1350.

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

64.5557, -4.9758, -23.1350

Protanopia

64.5853, 2.4611, -20.4231

Deuteranopia

64.2894, 4.8651, -24.0332



Tritanopia

64.7251, -14.2911, -7.6612

Trichromacy



Original Color

64.5557, -4.9758, -23.1350

Protanomaly

64.5921, -0.4643, -21.0917

Deuteranomaly

64.4603, 0.9350, -23.8277

Tritanomaly

64.5509, -11.0623, -12.8886

Monochromacy



Original Color

64.5557, -4.9758, -23.1350

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.5990, -4.5378, -5.7723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5557, -4.9758, -23.1350 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(138, 176, 221)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 221)  
}
```

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(138, 176, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5557, -4.9758, -23.1350 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(138, 176, 221) }
```


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

```
.border{ border-color:rgb(138, 176, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 221);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5557, -4.9758, -23.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 221) }
```

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

```
.background{ background-color: rgb(138,  
176, 221) }
```

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