

Converting Colors

HunterLab(50.1629, -9.5044,
-23.9367)

Have a look what the booklet for
HunterLab(50.1629, -9.5044,
-23.9367) contains.

HunterLab(50.1113, -9.4072, -24.2496)	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(50.1113, -9.4072,
-24.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	4E90BA
RGB	78, 144, 186
RGB Percent	31%, 56%, 73%
CMY	0.6941, 0.4353, 0.2706
CMYK	0.58, 0.23, 0.00, 0.27
HSL	203°, 44%, 52%
HSV	203°, 58%, 73%
XYZ	21.9781, 25.1114, 50.1430
YIQ	129.0540, -52.8180, -0.9300

Conversions

Conversions Part 2

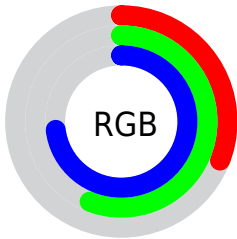
Format	Color
R_{YB}	78, 119, 186
Decimal	5148858
CIE _{Lab}	57.18, -8.55, -28.27
CIE _{LCh}	57, 29.533, 253.163
Yxy	25.1123, 0.2260, 0.2583
Android (android.graphics.Color)	4283338938 (0xFF4E90BA)
YUV	129.0540, 28.0744, -44.7744
Hunter-Lab	50.1113, -9.4072, -24.2496

Details

The HunterLab color $50.1113, -9.4072, -24.2496$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $49.4200, 15.8844, 22.0819$, and the grayscale version is $46.7841, -2.4963, 2.5419$.

A 20% lighter version of the original color is $72.0763, -11.6855, -24.8936$, and $31.1430, -7.2926, -23.1834$ is the 20% darker color. If you saturate the color by 10%, you get $47.2367, -8.5854, -29.3519$, and if you desaturate by 10%, it is $53.1734, -9.6153, -19.2017$.

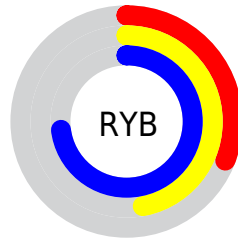
Distribution



Red (31%)

Green (56%)

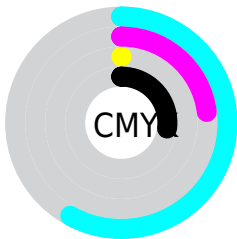
Blue (73%)



Red (31%)

Yellow (47%)

Blue (73%)

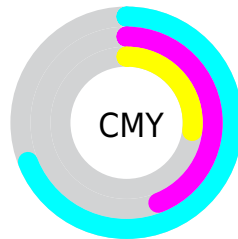


Cyan (58%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1113, -9.4072, -24.2496 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 50.1113, -9.4072, -24.2496 by changing the saturation by 10% instead.

■ 50.1113, -9.4072,
-24.2496

■ 50.1113, -9.4072,
-24.2496

166.8523,
-19.1146, -26.7548

■ 40.2005, -8.3740,
-23.7091

■ 71.9996, -11.4851,
-25.1841

■ 31.0451, -7.3370,
-23.1453

■ 83.8950, -12.5366,
-25.5690

■ 22.7148, -6.2858,
-22.6081

■ 96.3817, -13.5993,
-25.8978

■ 15.3010, -5.2017,
-22.2321

■ 109.4330,
-14.6744, -26.1717

■ 8.9185, -4.6558,
-22.5109

■ 123.0253,
-15.7630, -26.3923

0.0000, NaN, -NF

137.1381,

0.0000, NaN, -NF

-16.8656, -26.5617

0.0000, NaN, NaN

151.7526,
-17.9827, -26.6819

0.0000, NaN, NaN

■ 50.1113, -9.4072,
-24.2496

■ 50.1113, -9.4072,
-24.2496

■ 47.2367, -8.5854,
-29.3519

■ 53.1734, -9.6153,
-19.2017

■ 44.5584, -7.1088,
-34.4812

■ 56.4075, -9.2618,
-14.2328

■ 42.0849, -4.9584,
-39.6007

■ 59.8014, -8.4024,
-9.3554

■ 39.8064, -2.1890,
-44.7023

■ 63.3423, -7.0913,
-4.5758

■ 39.3760, -1.6225,
-45.7141

■ 67.0185, -5.3794,
0.1046

■ 70.8192, -3.3126,
4.6884

■ 74.7345, -0.9318,
9.1802

■ 78.7557, 1.7272,
13.5864

■ 82.8749, 4.6333,
17.9137

Harmonies

Analogous

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



50.1122, -18.9319, -15.4325



50.1113, -9.4072, -24.2496



50.1122, 2.8782, -24.8150

Triad

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



50.1122, -9.4072, -24.2486



50.1122, 22.7594, 7.6299



50.1122, -17.9880, 16.6290

Complementary

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



50.1113, -9.4072, -24.2496



49.4200, 15.8844, 22.0819

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.



50.1122, -7.9994, 20.1885



50.1113, -9.4072, -24.2496



50.1122, 15.9576, 15.9118

Square

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



50.1122, -9.4072, -24.2486



50.1122, 22.2884, -4.3078



50.1122, 4.4292, 19.9627



50.1122, -23.5453, 8.8712

Rectangle

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



50.1113, -9.4072, -24.2496



50.1122, 11.0665, -20.2569



50.1122, 4.4292, 19.9627



50.1122, -15.0816, 18.2609

Sweetspot

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



50.1122, -9.4072, -24.2486



85.6580, -9.3858, -5.6640



61.7088, -38.4069, 20.4612



39.7376, -4.5968, -3.2606



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



50.1122, -9.4072, -24.2486



62.4495, -11.0392, -41.6536



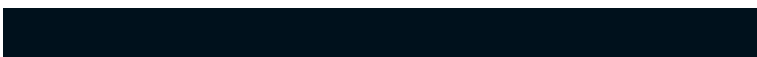
35.4683, 17.0077, -55.5024



30.9972, -2.6163, -0.2250



32.5267, -1.7140, -36.9556



6.9956, -1.7079, -5.0570

Inverse Universe

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



42.3113, 44.1172, -10.1304



51.7597, 71.2704, -14.0887



64.0552, -9.9769, 32.6233



30.1694, 1.8073, 0.3795



28.0185, 50.9351, -4.7823



5.3712, 9.9601, -2.4341

Previews

White Background



This preview shows how the HunterLab color 50.1113, -9.4072, -24.2496 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 50.1113, -9.4072, -24.2496 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 50.1113, -9.4072, -24.2496 Background



This preview shows how black text looks on a background with the HunterLab color 50.1113, -9.4072, -24.2496.

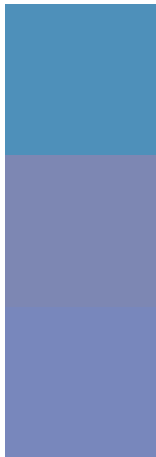


This preview shows how white text looks on a background with the HunterLab color 50.1113, -9.4072, -24.2496.

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

50.1113, -9.4072, -24.2496

Protanopia

49.9426, 2.8757, -19.8052

Deuteranopia

49.9518, 3.6599, -25.6270



Tritanopia

50.2607, -18.7194, -9.1330

Trichromacy



Original Color

50.1113, -9.4072, -24.2496

Protanomaly

49.7418, -1.9415, -22.1344

Deuteranomaly

49.7675, -1.4297, -25.3678

Tritanomaly

50.1092, -15.4209, -14.3909

Monochromacy



Original Color

50.1113, -9.4072, -24.2496

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.5049, -6.2532, -6.8495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1113, -9.4072, -24.2496 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(78, 144, 186)` looks like.

```
.text, #text, p{  
    color:rgb(78, 144, 186)  
}
```

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(78, 144, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 144, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1113, -9.4072, -24.2496 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(78, 144, 186) }
```


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

```
.border{ border-color:rgb(78, 144, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 144, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 144, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 144, 186);  
box-shadow:4px 4px 4px 4px rgb(78, 144,  
186) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1113, -9.4072, -24.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 144, 186) }
```

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

```
.background{ background-color: rgb(78, 144,  
186) }
```

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