

Converting Colors

HunterLab(48.4620, -9.3715,
-22.9529)

Have a look what the booklet for
HunterLab(48.4620, -9.3715,
-22.9529) contains.

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Color

**HunterLab(48.5256, -9.4450,
-23.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8CB4
RGB	75, 140, 180
RGB Percent	29%, 55%, 71%
CMY	0.7059, 0.4510, 0.2941
CMYK	0.58, 0.22, 0.00, 0.29
HSL	203°, 41%, 50%
HSV	203°, 58%, 71%
XYZ	20.5180, 23.5473, 46.6438
YIQ	125.1250, -51.5800, -1.3400

Conversions

Conversions Part 2

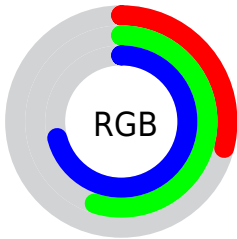
Format	Color
R_{YB}	75, 115, 180
Decimal	4951220
CIE _{Lab}	55.63, -8.82, -27.26
CIE _{LCh}	56, 28.654, 252.080
Yxy	23.5482, 0.2262, 0.2596
Android (android.graphics.Color)	4283141300 (0xFF4B8CB4)
YUV	125.1250, 27.0534, -43.9596
Hunter-Lab	48.5256, -9.4450, -23.0228

Details

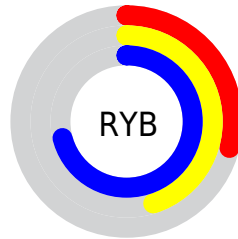
The HunterLab color $48.5256, -9.4450, -23.0228$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $47.4067, 15.7795, 21.1616$, and the grayscale version is $45.2477, -2.4143, 2.4584$.

A 20% lighter version of the original color is $70.0725, -11.2410, -24.1641$, and $29.7399, -7.1081, -21.8280$ is the 20% darker color. If you saturate the color by 10%, you get $45.8040, -8.7114, -27.8224$, and if you desaturate by 10%, it is $51.4262, -9.5904, -18.2628$.

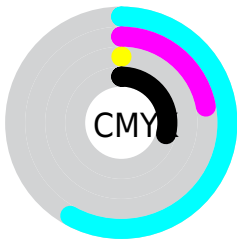
Distribution



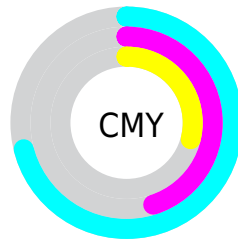
- Red (29%)
- Green (55%)
- Blue (71%)



- Red (29%)
- Yellow (45%)
- Blue (71%)



- Cyan (58%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5256, -9.4450, -23.0228 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 48.5256, -9.4450, -23.0228 by changing the saturation by 10% instead.

■ 48.5256, -9.4450,
-23.0228

■ 48.5256, -9.4450,
-23.0228

164.4774,
-19.2453, -25.3594

■ 38.7283, -8.3956,
-22.4955

■ 70.2082, -11.5498,
-23.9252

■ 29.6960, -7.3396,
-21.9423

■ 82.0092, -12.6128,
-24.2922

■ 21.5012, -6.2652,
-21.4139

■ 94.4060, -13.6861,
-24.6022

■ 14.2402, -5.1507,
-21.0517

■ 107.3712,
-14.7712, -24.8566

■ 7.8966, -5.2869,
-21.9721

■ 120.8810,
-15.8689, -25.0575

0.0000, NaN, -NF

0.0000, NaN, -NF

134.9142,

-16.9802, -25.2068

0.0000, NaN, NaN

149.4520,
-18.1056, -25.3067

0.0000, NaN, NaN

■ 48.5256, -9.4450,
-23.0228

■ 48.5256, -9.4450,
-23.0228

■ 45.8040, -8.7114,
-27.8224

■ 51.4262, -9.5904,
-18.2628

■ 43.2691, -7.3519,
-32.6352

■ 54.4913, -9.1961,
-13.5669

■ 40.9281, -5.3506,
-37.4268

■ 57.7096, -8.3141,
-8.9482

■ 38.7685, -2.7703,
-42.1971

■ 61.0693, -6.9960,
-4.4143

■ 38.4160, -2.3183,
-43.0122

■ 64.5593, -5.2901,
0.0323

■ 68.1692, -3.2404,
4.3926

■ 71.8898, -0.8860,
8.6701

■ 75.7126, 1.7385,
12.8698

■ 79.6301, 4.6032,
16.9975

Harmonies

Analogous

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



48.5265, -18.4593, -14.3608



48.5256, -9.4450, -23.0228



48.5265, 2.2988, -23.8830

Triad

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



48.5265, -9.4450, -23.0219



48.5265, 21.9172, 6.9866



48.5265, -17.0173, 16.1980

Complementary

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



48.5256, -9.4450, -23.0228



47.4067, 15.7795, 21.1616

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.



48.5265, -7.2962, 19.4915



48.5256, -9.4450, -23.0228



48.5265, 15.6191, 15.0997

Square

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



48.5265, -9.4450, -23.0219



48.5265, 21.1998, -4.5578



48.5265, 4.6640, 19.1451



48.5265, -22.5320, 8.8828

Rectangle

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



48.5256, -9.4450, -23.0228



48.5265, 10.1915, -19.7033



48.5265, 4.6640, 19.1451



48.5265, -14.1752, 17.7225

Sweetspot

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



48.5265, -9.4450, -23.0219



82.7134, -9.2049, -5.3160



59.4497, -37.2826, 20.2504



38.0322, -4.4666, -3.0238



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



48.5265, -9.4450, -23.0219



60.6723, -11.2932, -39.3225



34.5499, 15.5524, -52.5390



30.1277, -2.5684, -0.1885



32.2999, -2.2770, -35.4566



6.6078, -1.7565, -4.4674

Inverse Universe

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



40.7797, 42.7612, -10.1973



50.0022, 68.8308, -14.2867



61.2246, -8.8054, 31.1249



29.3100, 1.7524, 0.3459



27.5560, 50.1699, -5.2896



4.9986, 9.2959, -2.4726

Previews

White Background



This preview shows how the HunterLab color 48.5256, -9.4450, -23.0228 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 48.5256, -9.4450, -23.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

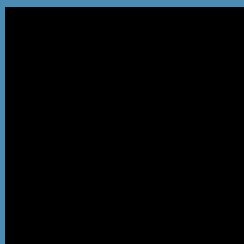
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

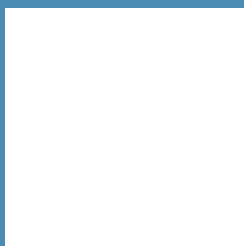
Any Text WCAG AAA × Fail

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

HunterLab 48.5256, -9.4450, -23.0228 Background



This preview shows how black text looks on a background with the HunterLab color 48.5256, -9.4450, -23.0228.

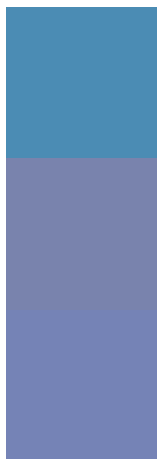


This preview shows how white text looks on a background with the HunterLab color 48.5256, -9.4450,

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

48.5256, -9.4450, -23.0228

Protanopia

48.2853, 2.5388, -18.7480

Deuteranopia

48.3652, 3.5529, -24.3880



Tritanopia

48.4465, -17.8935, -8.9531

Trichromacy



Original Color

48.5256, -9.4450, -23.0228

Protanomaly

48.0914, -2.2413, -21.0444

Deuteranomaly

48.1780, -1.5227, -24.1386

Tritanomaly

48.6073, -15.0389, -13.7323

Monochromacy



Original Color

48.5256, -9.4450, -23.0228

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.9732, -6.0729, -6.3254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5256, -9.4450, -23.0228 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(75, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 140, 180)  
}
```

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(75, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 140, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5256, -9.4450, -23.0228 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(75, 140, 180) }
```


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

```
.border{ border-color:rgb(75, 140, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 140, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 140, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 140, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 140,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5256, -9.4450, -23.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 140, 180) }
```

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

```
.background{ background-color: rgb(75, 140,  
180) }
```

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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