

Converting Colors

HunterLab(50.8110, -15.2678,
-22.5910)

Have a look what the booklet for
HunterLab(50.8110, -15.2678,
-22.5910) contains.

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Color

**HunterLab(50.7225,
-15.1418, -22.6618)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3495B9 |
| RGB | 52, 149, 185 |
| RGB Percent | 20%, 58%, 73% |
| CMY | 0.7960, 0.4157, 0.2745 |
| CMYK | 0.72, 0.19, 0.00, 0.27 |
| HSL | 196°, 56%, 46% |
| HSV | 196°, 72%, 73% |
| XYZ | 20.9206, 25.7277, 49.7622 |
| YIQ | 124.1010, -69.3680, -9.3680 |

Conversions

Conversions Part 2

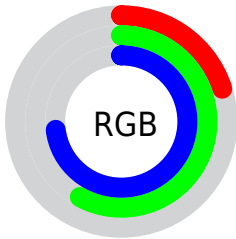
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 52, 108, 185 |
| Decimal | 3446201 |
| CIE _{Lab} | 57.78, -16.12, -26.85 |
| CIE _{LCh} | 58, 31.317, 239.026 |
| Yxy | 25.7286, 0.2170, 0.2669 |
| Android (android.graphics.Color) | 4281636281 (0xFF3495B9) |
| YUV | 124.1010, 30.0232, -63.2326 |
| Hunter-Lab | 50.7225, -15.1418, -22.6618 |

Details

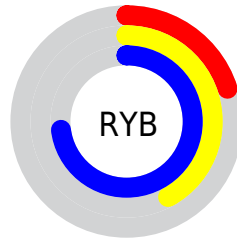
The HunterLab color $50.7225, -15.1418, -22.6618$ is a dark color, and the websafe version is hex $0099CC$. A complement of this color would be $41.8845, 29.4870, 21.7249$, and the grayscale version is $44.8419, -2.3927, 2.4363$.

A 20% lighter version of the original color is $72.6469, -17.9499, -23.4679$, and $32.2511, -9.2143, -20.4200$ is the 20% darker color. If you saturate the color by 10%, you get $48.7641, -14.4226, -26.0112$, and if you desaturate by 10%, it is $52.8567, -15.2427, -19.1827$.

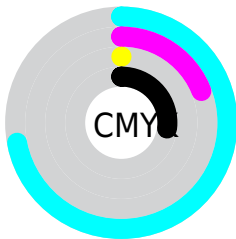
Distribution



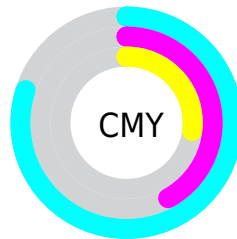
- Red (20%)
- Green (58%)
- Blue (73%)



- Red (20%)
- Yellow (42%)
- Blue (73%)



- Cyan (72%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (80%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7225, -15.1418, -22.6618 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 50.7225, -15.1418, -22.6618 by changing the saturation by 10% instead.

■ 50.7225, -15.1418,
-22.6618

■ 50.7225, -15.1418,
-22.6618

167.7639,
-28.0134, -24.7951

■ 40.7685, -13.6436,
-22.1521

■ 72.6890, -18.0536,
-23.5197

■ 31.5665, -12.0983,
-21.6079

■ 84.6203, -19.4854,
-23.8631

■ 23.1849, -10.4810,
-21.0679

■ 97.1413, -20.9089,
-24.1495

■ 15.7136, -8.7488,
-20.6392

■ 110.2253,
-22.3281, -24.3807

■ 9.2797, -8.0638,
-20.6653

■ 123.8491,
-23.7460, -24.5586

0.0000, NaN, -NF

0.0000, NaN, -NF

137.9921,

-25.1650, -24.6856

0.0000, NaN, NaN

152.6359,
-26.5870, -24.7638

0.0000, NaN, NaN

■ 50.7225, -15.1418,
-22.6618

■ 50.7225, -15.1418,
-22.6618

■ 48.7641, -14.4226,
-26.0112

■ 52.8567, -15.2427,
-19.1827

■ 46.9743, -13.1033,
-29.2175

■ 55.1628, -14.7357,
-15.6005

■ 45.6175, -11.7041,
-31.7520

■ 57.6369, -13.6483,
-11.9392

■ 60.2721, -12.0190,
-8.2226

■ 63.0601, -9.8914,
-4.4711

■ 65.9923, -7.3111,
-0.7017

■ 69.0597, -4.3228,
3.0724

■ 72.2537, -0.9686,
6.8413

■ 75.5660, 2.7123,
10.5976

Harmonies

Analogous

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



50.7234, -23.0807, -10.4317



50.7225, -15.1418, -22.6618



50.7234, -3.1405, -27.8619

Triad

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



50.7234, -15.1416, -22.6609



50.7234, 25.2965, 2.3484



50.7234, -14.4653, 19.6827

Complementary

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



50.7225, -15.1418, -22.6618



41.8845, 29.4870, 21.7249

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.



50.7234, -2.2765, 21.4787



50.7225, -15.1418, -22.6618



50.7234, 21.4908, 13.1500

Square

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



50.7234, -15.1416, -22.6609



50.7234, 20.9820, -11.3294



50.7234, 11.0495, 19.4283



50.7234, -22.7192, 13.6974

Rectangle

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



50.7225, -15.1418, -22.6618



50.7234, 5.8481, -25.8374



50.7234, 11.0495, 19.4283



50.7234, -10.7343, 20.7164

Sweetspot

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



50.7234, -15.1416, -22.6609



84.2110, -13.3859, -6.2213



60.1036, -44.2828, 27.2652



38.6272, -6.5948, -3.5149



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



50.7234, -15.1416, -22.6609



63.9107, -18.4228, -37.2024



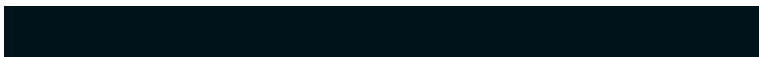
32.2890, 16.8535, -64.0905



31.2862, -3.0857, 0.1231



37.8086, -9.9002, -25.8858



7.7504, -2.7730, -3.7011

Inverse Universe

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



38.6538, 55.4749, -18.8256



48.0086, 83.4258, -24.8928



58.0203, -2.5383, 32.3864



30.1995, 1.9687, -0.0485



28.6800, 53.3073, -13.9634



5.4748, 10.3283, -3.8463

Previews

White Background



This preview shows how the HunterLab color 50.7225, -15.1418, -22.6618 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 50.7225, -15.1418, -22.6618 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

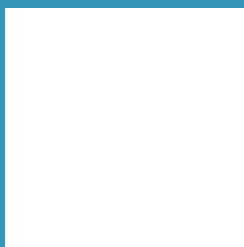
Any Text WCAG AAA × Fail

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

HunterLab 50.7225, -15.1418, -22.6618 Background



This preview shows how black text looks on a background with the HunterLab color 50.7225, -15.1418, -22.6618.



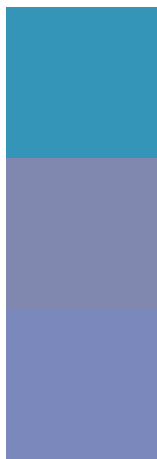
This preview shows how white text looks on a background with the HunterLab color 50.7225, -15.1418, -22.6618.

-15.1418, -22.6618.

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

50.7225, -15.1418, -22.6618

Protanopia

50.3310, 2.5085, -17.3279

Deuteranopia

50.4481, 3.8870, -24.7617



Tritanopia

50.8846, -22.5876, -10.5181

Trichromacy



Original Color

50.7225, -15.1418, -22.6618

Protanomaly

50.0137, -5.7325, -19.8400

Deuteranomaly

50.1787, -4.4858, -24.7090

Tritanomaly

50.9188, -20.2953, -14.4257

Monochromacy



Original Color

50.7225, -15.1418, -22.6618

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.3110, -9.3032, -6.4418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7225, -15.1418, -22.6618 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(52, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(52, 149, 185)  
}
```

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(52, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 149, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7225, -15.1418, -22.6618 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(52, 149, 185) }
```


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

```
.border{ border-color:rgb(52, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(52, 149, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(52, 149, 185); box-shadow:4px 4px 4px 4px rgb(52, 149, 185) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7225, -15.1418, -22.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 149, 185) }
```

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

```
.background{ background-color: rgb(52, 149,  
185) }
```

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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