

Converting Colors

HunterLab(51.9882, -15.2880,
-20.5946)

Have a look what the booklet for
HunterLab(51.9882, -15.2880,
-20.5946) contains.

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Color

**HunterLab(51.9769,
-15.2864, -20.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	3F98B9
RGB	63, 152, 185
RGB Percent	25%, 60%, 73%
CMY	0.7529, 0.4039, 0.2745
CMYK	0.66, 0.18, 0.00, 0.27
HSL	196°, 49%, 49%
HSV	196°, 66%, 73%
XYZ	22.0351, 27.0160, 49.9521
YIQ	129.1510, -63.6370, -8.6050

Conversions

Conversions Part 2

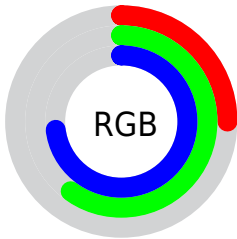
Format	Color
RYB	63, 114, 185
Decimal	4167865
CIELab	58.99, -16.07, -24.96
CIELCh	59, 29.685, 237.223
Yxy	27.0170, 0.2226, 0.2729
Android (android.graphics.Color)	4282357945 (0xFF3F98B9)
YUV	129.1510, 27.5336, -58.0144
Hunter-Lab	51.9769, -15.2864, -20.5965

Details

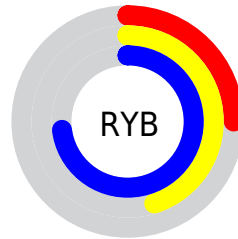
The HunterLab color $51.9769, -15.2864, -20.5965$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $43.6350, 26.2700, 20.9564$, and the grayscale version is $46.8274, -2.4986, 2.5442$.

A 20% lighter version of the original color is $73.9625, -18.1364, -21.4525$, and $33.1260, -10.4516, -18.8426$ is the 20% darker color. If you saturate the color by 10%, you get $49.9163, -14.9361, -24.0221$, and if you desaturate by 10%, it is $54.2132, -15.0219, -17.0547$.

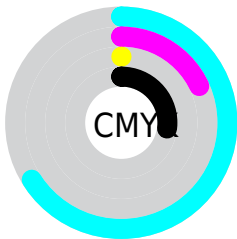
Distribution



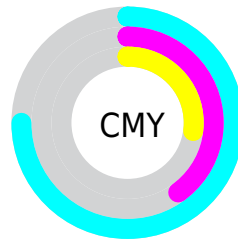
- Red (25%)
- Green (60%)
- Blue (73%)



- Red (25%)
- Yellow (45%)
- Blue (73%)



- Cyan (66%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (75%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9769, -15.2864, -20.5965 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 51.9769, -15.2864, -20.5965 by changing the saturation by 10% instead.

■ 51.9769, -15.2864,
-20.5965

■ 51.9769, -15.2864,
-20.5965

169.6288,
-28.1326, -22.1934

■ 41.9356, -13.7957,
-20.1363

■ 74.1020, -18.1881,
-21.3393

■ 32.6391, -12.2604,
-19.6287

■ 86.1063, -19.6163,
-21.6220

■ 24.1539, -10.6571,
-19.0992

■ 98.6968, -21.0369,
-21.8472

■ 16.5664, -8.9462,
-18.6209

■ 111.8474,
-22.4536, -22.0173

■ 9.9991, -7.6151,
-18.4263

■ 125.5352,
-23.8695, -22.1345

0.0000, NaN, -NF

0.0000, NaN, -NF

139.7398,

-25.2868, -22.2015

0.0000, NaN, NaN

154.4431,
-26.7074, -22.2204

0.0000, NaN, NaN

■ 51.9769, -15.2864,
-20.5965

■ 51.9769, -15.2864,
-20.5965

■ 49.9163, -14.9361,
-24.0221

■ 54.2132, -15.0219,
-17.0547

■ 48.0278, -13.9710,
-27.3126

■ 56.6188, -14.1643,
-13.4246

■ 46.3029, -12.4289,
-30.4592

■ 59.1885, -12.7482,
-9.7297

■ 45.6282, -11.7198,
-31.7316

■ 61.9144, -10.8156,
-5.9918

■ 64.7881, -8.4118,
-2.2293

■ 67.8007, -5.5820,
1.5429

■ 70.9433, -2.3696,
5.3136

■ 74.2076, 1.1851,
9.0746

■ 77.5854, 5.0452,
12.8202

Harmonies

Analogous

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



51.9778, -22.6648, -8.8927



51.9769, -15.2864, -20.5965



51.9778, -3.9482, -25.9544

Triad

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



51.9778, -15.2863, -20.5956



51.9778, 23.7855, 1.6969



51.9778, -13.4301, 19.4710

Complementary

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



51.9769, -15.2864, -20.5965



43.6350, 26.2700, 20.9564

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.



51.9778, -1.5937, 21.0251



51.9769, -15.2864, -20.5965



51.9778, 20.6411, 12.3304

Square

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



51.9778, -15.2863, -20.5956



51.9778, 19.2694, -11.3027



51.9778, 11.0419, 18.7518



51.9778, -21.6672, 13.8508

Rectangle

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



51.9769, -15.2864, -20.5965



51.9778, 4.6150, -24.4417



51.9778, 11.0419, 18.7518



51.9778, -9.7761, 20.4178

Sweetspot

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



51.9778, -15.2863, -20.5956



84.9944, -12.7415, -5.1938



60.4907, -42.4459, 25.7932



38.9675, -6.3265, -3.0631



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.



51.9778, -15.2863, -20.5956



65.6744, -19.5267, -34.0868



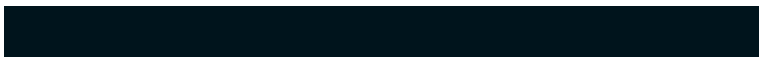
34.8180, 13.8610, -56.4626



31.2867, -3.0864, 0.1236



37.8173, -9.9129, -25.8692



7.7516, -2.7747, -3.6991

Inverse Universe

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



40.1712, 51.6890, -18.1869



49.4312, 80.0284, -25.5305



58.8476, -3.2386, 31.4660



30.1996, 1.9690, -0.0492



28.6811, 53.3115, -13.9795



5.4750, 10.3289, -3.8487

Previews

White Background



This preview shows how the HunterLab color 51.9769, -15.2864, -20.5965 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 51.9769, -15.2864, -20.5965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

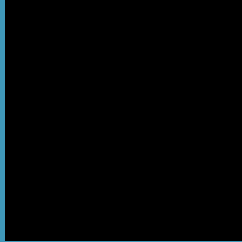
Any Text WCAG AA ✓ Pass

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 51.9769, -15.2864, -20.5965 Background



This preview shows how black text looks on a background with the HunterLab color 51.9769, -15.2864, -20.5965.



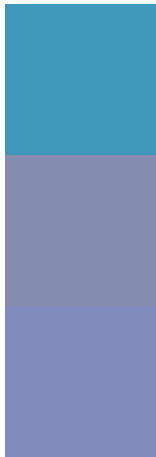
This preview shows how white text looks on a background with the HunterLab color 51.9769,

-15.2864, -20.5965.

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

51.9769, -15.2864, -20.5965

Protanopia

51.7651, 1.5841, -15.1199

Deuteranopia

51.7332, 3.8801, -22.5810



Tritanopia

51.9872, -21.4231, -10.5904

Trichromacy



Original Color

51.9769, -15.2864, -20.5965

Protanomaly

51.3098, -5.6964, -17.7636

Deuteranomaly

51.5147, -4.3267, -22.4423

Tritanomaly

51.9972, -19.3065, -13.9584

Monochromacy



Original Color

51.9769, -15.2864, -20.5965

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.0255, -8.9800, -5.6671

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9769, -15.2864, -20.5965 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(63, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(63, 152, 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(63, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 152, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9769, -15.2864, -20.5965 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(63, 152, 185) }
```


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

```
.border{ border-color:rgb(63, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(63, 152,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9769, -15.2864, -20.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 152, 185) }
```

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

```
.background{ background-color: rgb(63, 152,  
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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