

Converting Colors

HunterLab(51.1700, -21.8568,
0.0874)

Have a look what the booklet for
HunterLab(51.1700, -21.8568,
0.0874) contains.

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Color

**HunterLab(51.0268,
-21.7138, -0.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9891
RGB	76, 152, 145
RGB Percent	30%, 60%, 57%
CMY	0.7019, 0.4039, 0.4314
CMYK	0.50, 0.00, 0.05, 0.40
HSL	174°, 33%, 45%
HSV	174°, 50%, 60%
XYZ	19.3196, 26.0373, 30.7956
YIQ	128.4780, -43.0490, -18.2890

Conversions

Conversions Part 2

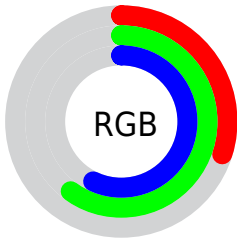
Format	Color
R_{YB}	76, 116, 152
Decimal	5019793
CIE _{Lab}	58.07, -25.29, -3.57
CIE _{LCh}	58, 25.545, 188.034
Yxy	26.0384, 0.2537, 0.3419
Android (android.graphics.Color)	4283209873 (0xFF4C9891)
YUV	128.4780, 8.1453, -46.0232
Hunter-Lab	51.0268, -21.7138, -0.0638

Details

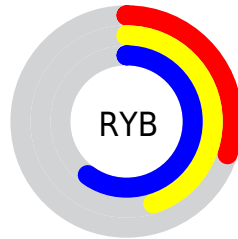
The HunterLab color $51.0268, -21.7138, -0.0638$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $35.3123, 24.6197, 8.4482$, and the grayscale version is $46.6307, -2.4881, 2.5335$.

A 20% lighter version of the original color is $73.1946, -25.7095, 0.8837$, and $31.9558, -17.5432, -0.7032$ is the 20% darker color. If you saturate the color by 10%, you get $50.4427, -24.0669, -0.1645$, and if you desaturate by 10%, it is $51.7491, -18.8742, 0.2123$.

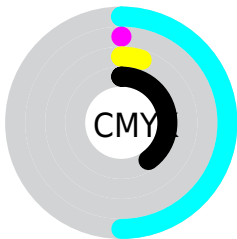
Distribution



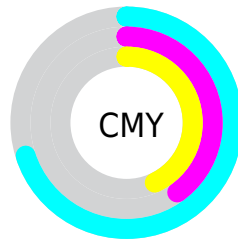
- Red (30%)
- Green (60%)
- Blue (57%)



- Red (30%)
- Yellow (45%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0268, -21.7138, -0.0638 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 51.0268, -21.7138, -0.0638 by changing the saturation by 10% instead.

■ 51.0268, -21.7138,
-0.0638

■ 51.0268, -21.7138,
-0.0638

168.2172,
-38.5252, 4.9926

■ 41.0516, -19.6300,
-0.4189

■ 73.0321, -25.6721,
0.7928

■ 31.8265, -17.4410,
-0.7196

■ 84.9812, -27.5786,
1.2854

■ 23.4195, -15.1027,
-0.9580

■ 97.5191, -29.4515,
1.8171

■ 15.9198, -12.5399,
-1.1234

■ 110.6194,
-31.2983, 2.3857

■ 9.4541, -12.1638,
-1.1997

■ 124.2588,
-33.1248, 2.9892

0.0000, NaN, -NF

0.0000, NaN, NaN

138.4168,

-34.9358, 3.6257

0.0000, NaN, NaN

153.0752,
-36.7349, 4.2940

0.0000, NaN, NaN

■ 51.0268, -21.7138,
-0.0638

■ 51.0268, -21.7138,
-0.0638

■ 50.4427, -24.0669,
-0.1645

■ 51.7491, -18.8742,
0.2123

■ 49.9880, -25.9349,
-0.0987

■ 52.6101, -15.5570,
0.6640

■ 49.6554, -27.3360,
0.1232

■ 53.6120, -11.7835,
1.2903

■ 49.4332, -28.3054,
0.4843

■ 54.7546, -7.5826,
2.0864

■ 49.2873, -28.9726,
0.9390

■ 56.0360, -2.9893,
3.0447

■ 49.2872, -28.9727,
0.9390

■ 57.4530, 1.9582,
4.1554

■ 59.0015, 7.2203,
5.4078

■ 60.6768, 12.7577,
6.7900

■ 62.4736, 18.5327,
8.2903

Harmonies

Analogous

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



51.0278, -20.6022, 9.6322



51.0268, -21.7138, -0.0638



51.0278, -18.0827, -10.9642

Triad

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



51.0278, -21.7142, -0.0631



51.0278, 10.7191, -15.3736



51.0278, 5.2822, 17.9194

Complementary

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



51.0268, -21.7138, -0.0638



35.3123, 24.6197, 8.4482

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.



51.0278, 14.6947, 13.5175



51.0268, -21.7138, -0.0638



51.0278, 18.0111, -5.1834

Square

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



51.0278, -21.7142, -0.0631



51.0278, 0.2114, -20.9282



51.0278, 19.5235, 5.4638



51.0278, -5.5973, 18.7301

Rectangle

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



51.0268, -21.7138, -0.0638



51.0278, -13.2671, -16.9988



51.0278, 19.5235, 5.4638



51.0278, 8.7482, 16.8626

Sweetspot

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



51.0278, -21.7142, -0.0631



71.9173, -13.0960, 2.1845



49.8455, -29.3810, 22.0665



34.1481, -6.7532, 0.9462



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.0278, -21.7142, -0.0631



66.9360, -32.2968, -0.2196



41.9827, -7.3153, -16.2121



26.4891, -3.4981, 1.0405



45.1334, -26.5134, 0.8221



5.5409, -3.1073, -0.2179

Inverse Universe

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



35.3123, 24.6197, 8.4482



42.4694, 41.0045, 13.5716



41.9391, 9.3879, 16.3399



24.9629, 0.8687, 1.8093



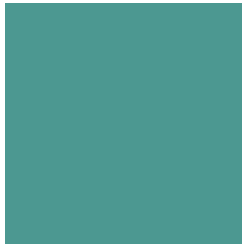
23.7193, 40.7417, 14.3839



2.9369, 5.1171, 1.2183

Previews

White Background



This preview shows how the HunterLab color 51.0268, -21.7138, -0.0638 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 51.0268, -21.7138, -0.0638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

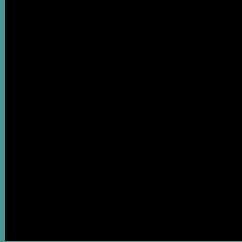
Any Text WCAG AA ✓ Pass

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 51.0268, -21.7138, -0.0638 Background



This preview shows how black text looks on a background with the HunterLab color 51.0268, -21.7138, -0.0638.



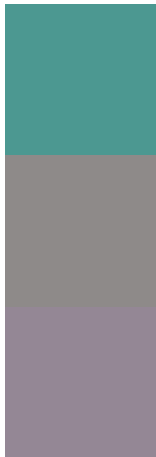
This preview shows how white text looks on a background with the HunterLab color 51.0268, -21.7138, -0.0638.

-21.7138, -0.0638.

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

51.0268, -21.7138, -0.0638

Protanopia

50.7286, -1.6543, 3.5686

Deuteranopia

50.7876, 3.5622, -1.8365



Tritanopia

51.1573, -16.8748, -8.3891

Trichromacy



Original Color

51.0268, -21.7138, -0.0638

Protanomaly

50.3884, -10.1484, 1.6774

Deuteranomaly

50.3244, -6.8551, -2.1187

Tritanomaly

51.1818, -18.7991, -5.2263

Monochromacy



Original Color

51.0268, -21.7138, -0.0638

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.8161, -10.6767, 1.3108

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0268, -21.7138, -0.0638 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(76, 152, 145)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 145)  
}
```

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(76, 152, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0268, -21.7138, -0.0638 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(76, 152, 145) }
```


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

```
.border{ border-color:rgb(76, 152, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 152, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 152, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 152, 145); box-shadow:4px 4px 4px 4px rgb(76, 152, 145) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0268, -21.7138, -0.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 152, 145) }
```

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

```
.background{ background-color: rgb(76, 152,  
145) }
```

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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