

Converting Colors

HunterLab(51.3352, -22.8460,
-7.1786)

Have a look what the booklet for
HunterLab(51.3352, -22.8460,
-7.1786) contains.

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Color

**HunterLab(51.3352,
-22.8460, -7.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	339AA0
RGB	51, 154, 160
RGB Percent	20%, 60%, 63%
CMY	0.8000, 0.3961, 0.3725
CMYK	0.68, 0.04, 0.00, 0.37
HSL	183°, 52%, 41%
HSV	183°, 68%, 63%
XYZ	19.2660, 26.3530, 37.3288
YIQ	123.8870, -63.3140, -19.9700

Conversions

Conversions Part 2

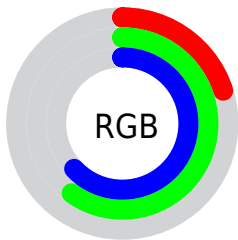
Format	Color
RYB	51, 104, 160
Decimal	3381920
CIELab	58.37, -26.85, -11.75
CIELCh	58, 29.310, 203.636
Yxy	26.3540, 0.2323, 0.3177
Android (android.graphics.Color)	4281572000 (0xFF339AA0)
YUV	123.8870, 17.8037, -63.9219
Hunter-Lab	51.3352, -22.8460, -7.1786




Details

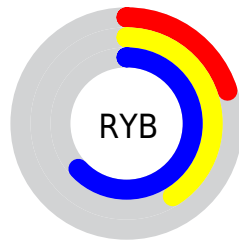
The HunterLab color **51.3352, -22.8460, -7.1786** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.6183, 33.5324, 14.9919**, and the grayscale version is **44.8027, -2.3906, 2.4342**.




A 20% lighter version of the original color is **73.4520, -27.0860, -7.1079**, and **32.5682, -15.8242, -6.5475** is the 20% darker color. If you saturate the color by 10%, you get **50.7128, -23.8075, -8.0510**, and if you desaturate by 10%, it is **52.0916, -21.3857, -6.1298**.

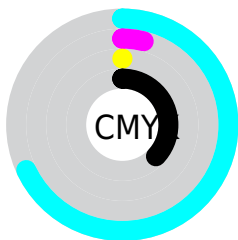
Distribution







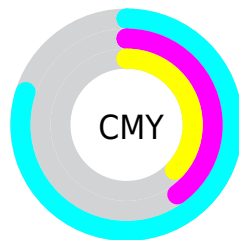
-  Red (20%)
-  Green (60%)
-  Blue (63%)






-  Red (20%)
-  Yellow (41%)
-  Blue (63%)



-  Cyan (68%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (37%)



-  Cyan (80%)
-  Magenta (40%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3352, -22.8460, -7.1786 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 51.3352, -22.8460, -7.1786 by changing the saturation by 10% instead.

■ 51.3352, -22.8460,
-7.1786

■ 51.3352, -22.8460,
-7.1786

168.6759,
-40.3289, -4.9339

■ 41.3384, -20.6628,
-7.1561

■ 73.3795, -26.9817,
-7.0289

■ 32.0901, -18.3652,
-7.0614

■ 85.3466, -28.9692,
-6.8687

■ 23.6576, -15.9065,
-6.8866

■ 97.9017, -30.9187,
-6.6570

■ 16.1292, -13.2065,
-6.6259

■ 111.0183,
-32.8384, -6.3975

■ 9.6303, -12.6753,
-6.2865

■ 124.6735,
-34.7348, -6.0929

0.0000, NaN, -NF

0.0000, NaN, NaN

138.8467,

-36.6127, -5.7460

0.0000, NaN, NaN

153.5197,
-38.4763, -5.3590

0.0000, NaN, NaN

■ 51.3352, -22.8460,
-7.1786

■ 51.3352, -22.8460,
-7.1786

■ 50.7128, -23.8075,
-8.0510

■ 52.0916, -21.3857,
-6.1298

■ 50.2110, -24.3011,
-8.7574

■ 52.9859, -19.4132,
-4.9053

■ 49.8066, -24.4166,
-9.3275

■ 54.0229, -16.9309,
-3.5084

■ 49.7334, -24.4273,
-9.4310

■ 55.2044, -13.9535,
-1.9471

■ 56.5297, -10.5056,
-0.2326

■ 57.9969, -6.6186,
1.6220

■ 59.6026, -2.3285,
3.6024

■ 61.3423, 2.3262,
5.6942

■ 63.2110, 7.3069,
7.8831

Harmonies

Analogous

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



51.3362, -24.3930, 5.2501



51.3352, -22.8460, -7.1786



51.3362, -16.1528, -19.0818

Triad

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



51.3362, -22.8461, -7.1778



51.3362, 17.9476, -12.5890



51.3362, -0.0670, 20.6382

Complementary

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



51.3352, -22.8460, -7.1786



32.6183, 33.5324, 14.9919

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.



51.3362, 12.2047, 17.9332



51.3352, -22.8460, -7.1786



51.3362, 23.2242, 0.2110

Square

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



51.3362, -22.8461, -7.1778



51.3362, 7.1919, -22.6896



51.3362, 21.0288, 11.0965



51.3362, -11.9735, 19.5587

Rectangle

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



51.3352, -22.8460, -7.1786



51.3362, -9.3008, -24.1436



51.3362, 21.0288, 11.0965



51.3362, 4.1637, 20.1673

Sweetspot

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



51.3362, -22.8461, -7.1778



75.7512, -15.2617, -0.8538



51.1233, -38.2741, 26.4247



35.2517, -7.7304, -0.6880



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.3362, -22.8461, -7.1778



67.9459, -32.5175, -11.3950



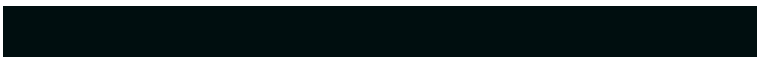
35.1664, 0.7556, -34.3900



27.2890, -3.3380, 0.6646



43.9187, -21.5891, -8.2900



6.0157, -3.0605, -0.9123

Inverse Universe

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



34.8928, 48.9983, -29.5909



43.6892, 76.3089, -45.6194



43.6709, 8.4891, 22.8053



25.9774, 1.8720, -0.6758



27.5126, 53.4679, -31.4604



3.7022, 7.2304, -4.5098

Previews

White Background



This preview shows how the HunterLab color 51.3352, -22.8460, -7.1786 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 51.3352, -22.8460, -7.1786 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

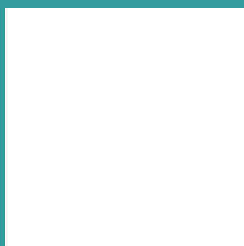
Any Text WCAG AAA × Fail

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

HunterLab 51.3352, -22.8460, -7.1786 Background



This preview shows how black text looks on a background with the HunterLab color 51.3352, -22.8460, -7.1786.



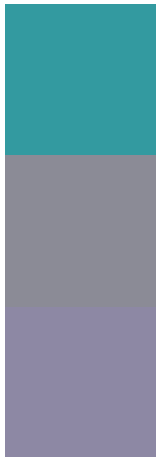
This preview shows how white text looks on a background with the HunterLab color 51.3352,

-22.8460, -7.1786.

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

51.3352, -22.8460, -7.1786

Protanopia

51.1431, -0.9013, -1.9521

Deuteranopia

50.9425, 3.6686, -9.4223



Tritanopia

51.3029, -20.9050, -10.4463

Trichromacy



Original Color

51.3352, -22.8460, -7.1786

Protanomaly

50.4038, -10.7583, -5.0915

Deuteranomaly

50.4752, -8.3466, -9.7451

Tritanomaly

51.2052, -21.4224, -9.4901

Monochromacy



Original Color

51.3352, -22.8460, -7.1786

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.5569, -12.0441, -1.6624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3352, -22.8460, -7.1786 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(51, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(51, 154, 160)  
}
```

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(51, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 154, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3352, -22.8460, -7.1786 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(51, 154, 160) }
```


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

```
.border{ border-color:rgb(51, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(51, 154,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3352, -22.8460, -7.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 154, 160) }
```

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

```
.background{ background-color: rgb(51, 154,  
160) }
```

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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