

Converting Colors

HunterLab(48.5402, -20.9816,
-7.2683)

Have a look what the booklet for
HunterLab(48.5402, -20.9816,
-7.2683) contains.

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Color

**HunterLab(48.5402,
-20.9816, -7.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	339299
RGB	51, 146, 153
RGB Percent	20%, 57%, 60%
CMY	0.8000, 0.4274, 0.4000
CMYK	0.67, 0.05, 0.00, 0.40
HSL	184°, 50%, 40%
HSV	184°, 67%, 60%
XYZ	17.3939, 23.5615, 33.7681
YIQ	118.3930, -58.8670, -17.9630

Conversions

Conversions Part 2

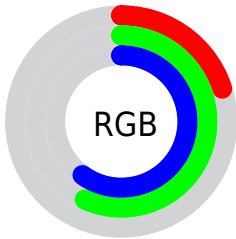
Format	Color
RYB	51, 100, 153
Decimal	3379865
CIELab	55.65, -24.95, -11.85
CIELCh	56, 27.618, 205.406
Yxy	23.5624, 0.2328, 0.3153
Android (android.graphics.Color)	4281569945 (0xFF339299)
YUV	118.3930, 17.0613, -59.1037
Hunter-Lab	48.5402, -20.9816, -7.2683

Details

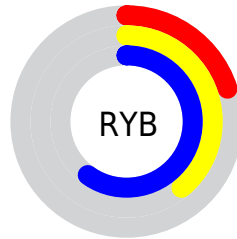
The HunterLab color $48.5402, -20.9816, -7.2683$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $31.6829, 30.4617, 14.1938$, and the grayscale version is $42.6691, -2.2767, 2.3183$.

A 20% lighter version of the original color is $70.1378, -24.8294, -7.1176$, and $30.2386, -14.6039, -6.2700$ is the 20% darker color. If you saturate the color by 10%, you get $47.8602, -21.8986, -8.2269$, and if you desaturate by 10%, it is $49.3483, -19.5901, -6.1437$.

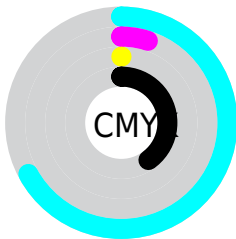
Distribution



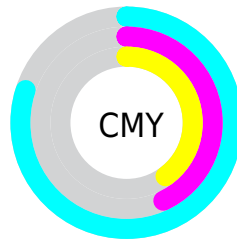
- Red (20%)
- Green (57%)
- Blue (60%)



- Red (20%)
- Yellow (39%)
- Blue (60%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5402, -20.9816, -7.2683 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 48.5402, -20.9816, -7.2683 by changing the saturation by 10% instead.

■ 48.5402, -20.9816,
-7.2683

■ 48.5402, -20.9816,
-7.2683

164.4994,
-37.7033, -5.1742

■ 38.7419, -18.8984,
-7.2226

■ 70.2247, -24.9276,
-7.1598

■ 29.7085, -16.7037,
-7.1027

■ 82.0266, -26.8251,
-7.0180

■ 21.5124, -14.3486,
-6.9008

■ 94.4242, -28.6879,
-6.8237

■ 14.2499, -11.7474,
-6.6129

■ 107.3903,
-30.5237, -6.5804

■ 7.9067, -13.8367,
-6.5988

■ 120.9008,
-32.3389, -6.2913

0.0000, NaN, -NF

0.0000, NaN, NaN

134.9348,

-34.1381, -5.9590

0.0000, NaN, NaN

149.4733,
-35.9252, -5.5860

0.0000, NaN, NaN

■ 48.5402, -20.9816,
-7.2683

■ 48.5402, -20.9816,
-7.2683

■ 47.8602, -21.8986,
-8.2269

■ 49.3483, -19.5901,
-6.1437

■ 47.2969, -22.3656,
-9.0268

■ 50.2872, -17.7157,
-4.8563

■ 46.8334, -22.4469,
-9.6878

■ 51.3607, -15.3642,
-3.4110

■ 46.6860, -22.4459,
-9.8991

■ 52.5694, -12.5523,
-1.8171

■ 53.9122, -9.3048,
-0.0861

■ 55.3866, -5.6528,
1.7686

■ 56.9891, -1.6303,
3.7336

■ 58.7150, 2.7267,
5.7950

■ 60.5594, 7.3826,
7.9399

Harmonies

Analogous

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



48.5411, -22.7114, 4.2958



48.5402, -20.9816, -7.2683



48.5411, -14.5110, -18.0393

Triad

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



48.5411, -20.9817, -7.2676



48.5411, 16.9673, -10.8698



48.5411, -0.8101, 19.2706

Complementary

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



48.5402, -20.9816, -7.2683



31.6829, 30.4617, 14.1938

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.



48.5411, 10.5996, 16.9551



48.5402, -20.9816, -7.2683



48.5411, 21.4525, 0.9284

Square

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



48.5411, -20.9817, -7.2676



48.5411, 7.2548, -20.4354



48.5411, 19.0209, 10.8222



48.5411, -11.7127, 18.0516

Rectangle

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



48.5402, -20.9816, -7.2683



48.5411, -8.0354, -22.4157



48.5411, 19.0209, 10.8222



48.5411, 3.1010, 18.8987

Sweetspot

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



48.5411, -20.9817, -7.2676



71.4555, -14.1396, -1.0001



48.7753, -35.8941, 24.5923



33.3604, -7.1684, -0.7494



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.



48.5411, -20.9817, -7.2676



63.6586, -29.6849, -11.5617



33.5038, 1.1774, -32.6672



26.3704, -3.1767, 0.6149



42.4655, -20.4342, -8.9666



5.3698, -2.7153, -0.8502

Inverse Universe

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



33.4902, 45.3767, -26.7143



41.5467, 70.5909, -41.0440



42.3164, 6.8619, 21.8061



25.1323, 1.7787, -0.6021



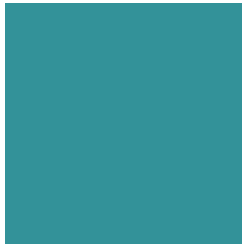
26.8808, 52.0925, -29.5935



3.3154, 6.4691, -3.9927

Previews

White Background



This preview shows how the HunterLab color 48.5402, -20.9816, -7.2683 looks on a white background.

Color Contrast Check

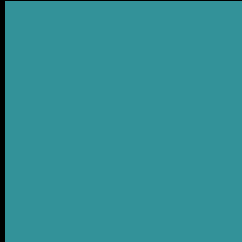
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5402, -20.9816, -7.2683 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

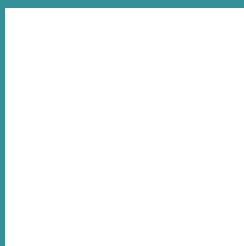
Any Text WCAG AAA × Fail

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

HunterLab 48.5402, -20.9816, -7.2683 Background



This preview shows how black text looks on a background with the HunterLab color 48.5402, -20.9816, -7.2683.



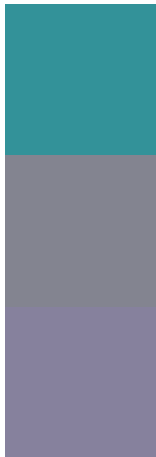
This preview shows how white text looks on a background with the HunterLab color 48.5402, -20.9816, -7.2683.

-20.9816, -7.2683.

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

48.5402, -20.9816, -7.2683

Protanopia

48.3130, -0.8808, -2.6257

Deuteranopia

48.1697, 3.7774, -9.5142



Tritanopia

48.4169, -19.5505, -9.5697

Trichromacy



Original Color

48.5402, -20.9816, -7.2683

Protanomaly

47.7731, -10.0269, -4.9963

Deuteranomaly

47.6144, -6.9471, -9.9469

Tritanomaly

48.3541, -19.8618, -9.1181

Monochromacy



Original Color

48.5402, -20.9816, -7.2683

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

44.1098, -10.6964, -1.8695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5402, -20.9816, -7.2683 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, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(51, 146, 153)  
}
```

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, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 146, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5402, -20.9816, -7.2683 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, 146, 153) }
```


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

```
.border{ border-color:rgb(51, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(51, 146,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5402, -20.9816, -7.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 146, 153) }
```

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

```
.background{ background-color: rgb(51, 146,  
153) }
```

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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