

Converting Colors

HunterLab(42.3518, -20.8256,
8.2548)

Have a look what the booklet for
HunterLab(42.3518, -20.8256,
8.2548) contains.

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Color

**HunterLab(42.2951,
-20.7032, 8.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	448166
RGB	68, 129, 102
RGB Percent	27%, 51%, 40%
CMY	0.7333, 0.4941, 0.6000
CMYK	0.47, 0.00, 0.21, 0.49
HSL	153°, 31%, 39%
HSV	153°, 47%, 51%
XYZ	12.6324, 17.8888, 15.3575
YIQ	107.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

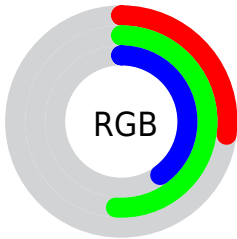
Format	Color
R _Y B	68, 107, 129
Decimal	4489574
CIE Lab	49.36, -26.56, 8.58
CIE LCh	49, 27.917, 162.092
Yxy	17.8895, 0.2753, 0.3899
Android (android.graphics.Color)	4282679654 (0xFF448166)
YUV	107.6830, -2.8017, -34.8020
Hunter-Lab	42.2951, -20.7032, 8.0782

Details

The HunterLab color $42.2951, -20.7032, 8.0782$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $31.0291, 21.5569, -1.1910$, and the grayscale version is $38.6226, -2.0608, 2.0984$.

A 20% lighter version of the original color is $63.0467, -24.7621, 10.0743$, and $24.3995, -15.9854, 5.9721$ is the 20% darker color. If you saturate the color by 10%, you get $41.6727, -23.4266, 9.4236$, and if you desaturate by 10%, it is $43.0380, -17.5546, 6.7785$.

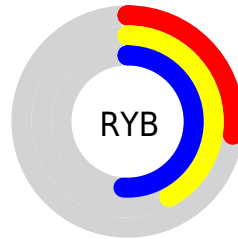
Distribution



Red (27%)

Green (51%)

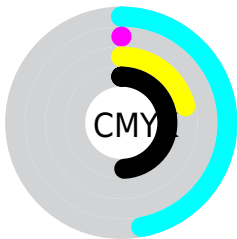
Blue (40%)



Red (27%)

Yellow (42%)

Blue (51%)

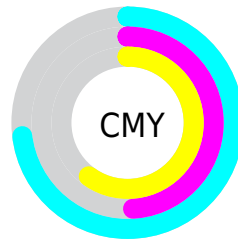


Cyan (47%)

Magenta (0%)

Yellow (21%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2951, -20.7032, 8.0782 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 42.2951, -20.7032, 8.0782 by changing the saturation by 10% instead.

■ 42.2951, -20.7032,
8.0782

■ 42.2951, -20.7032,
8.0782

154.9991,
-38.3485, 17.7518

■ 32.9707, -18.4398,
7.0362

■ 63.1260, -24.9342,
10.1589

■ 24.4539, -16.0228,
5.9795

■ 74.5375, -26.9489,
11.2073

■ 16.8312, -13.3783,
4.8898

■ 86.5641, -28.9171,
12.2655

■ 10.2231, -12.0134,
4.0920

■ 99.1759, -30.8490,
13.3352

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.3468,
-32.7527, 14.4180

0.0000, NaN, NaN

126.0541,

0.0000, NaN, NaN

-34.6341, 15.5145

0.0000, NaN, NaN

140.2776,
-36.4980, 16.6257

■ 42.2951, -20.7032,
8.0782

■ 42.2951, -20.7032,
8.0782

■ 41.6727, -23.4266,
9.4236

■ 43.0380, -17.5546,
6.7785

■ 41.1652, -25.7115,
10.7965

■ 43.9001, -14.0012,
5.5379

■ 40.7684, -27.5590,
12.1790

■ 44.8816, -10.0729,
4.3691

■ 40.4743, -28.9847,
13.5518

■ 45.9810, -5.8039,
3.2821

■ 40.2626, -30.0625,
14.8854

■ 47.1952, -1.2315,
2.2840

■ 40.2091, -30.3367,
15.2302

■ 48.5207, 3.6066,
1.3796

■ 49.9532, 8.6737,
0.5714

■ 51.4879, 13.9349,
-0.1402

■ 53.1199, 19.3585,
-0.7563

Harmonies

Analogous

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



42.2960, -15.6297, 14.7621



42.2951, -20.7032, 8.0782



42.2960, -21.1619, -2.1732

Triad

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



42.2960, -20.7037, 8.0787



42.2960, 2.3031, -22.7343



42.2960, 14.7631, 13.7711

Complementary

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



42.2951, -20.7032, 8.0782



31.0291, 21.5569, -1.1910

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.



42.2960, 20.6858, 6.3365



42.2951, -20.7032, 8.0782



42.2960, 13.0111, -15.6938

Square

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



42.2960, -20.7037, 8.0787



42.2960, -8.6205, -21.9164



42.2960, 20.0135, -4.4247



42.2960, 4.5020, 17.4176

Rectangle

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



42.2951, -20.7032, 8.0782



42.2960, -18.8566, -9.9600



42.2960, 20.0135, -4.4247



42.2960, 17.3728, 11.7267

Sweetspot

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



42.2960, -20.7037, 8.0787



60.4783, -11.8345, 5.4044



43.0995, -18.8485, 18.7042



28.6491, -6.1159, 2.7006



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.2960, -20.7037, 8.0787



55.6869, -31.6973, 12.8018



42.0994, -15.1565, -3.5746



22.0357, -3.1755, 1.6712



39.7039, -29.9481, 15.0230

0.0000, NaN, NaN

Inverse Universe

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



31.0291, 21.5569, -1.1910



37.7814, 36.1149, -1.4607



30.9802, 16.9628, 8.9201



20.9127, 0.9646, 0.7057



22.0007, 38.9942, 4.0054

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.2951, -20.7032, 8.0782 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.2951, -20.7032, 8.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

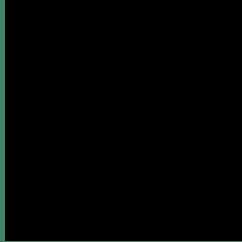
Any Text WCAG AA ✓ Pass

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 42.2951, -20.7032, 8.0782 Background



This preview shows how black text looks on a background with the HunterLab color 42.2951, -20.7032, 8.0782.



This preview shows how white text looks on a background with the HunterLab color 42.2951,

-20.7032, 8.0782.

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

42.2951, -20.7032, 8.0782

Protanopia

41.9767, -2.5770, 10.1900

Deuteranopia

42.1383, 2.6015, 6.8252



Tritanopia

42.4197, -12.0941, -6.1106

Trichromacy



Original Color

42.2951, -20.7032, 8.0782

Protanomaly

41.8326, -10.2648, 9.2199

Deuteranomaly

41.7909, -7.1289, 6.6658

Tritanomaly

42.1991, -15.2211, -0.5919

Monochromacy



Original Color

42.2951, -20.7032, 8.0782

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.8228, -9.8006, 4.0656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2951, -20.7032, 8.0782 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(68, 129, 102)` looks like.

```
.text, #text, p{  
    color:rgb(68, 129, 102)  
}
```

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(68, 129, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 129, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2951, -20.7032, 8.0782 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(68, 129, 102) }
```


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

```
.border{ border-color:rgb(68, 129, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 129, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 129, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 129, 102);  
box-shadow:4px 4px 4px 4px rgb(68, 129,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2951, -20.7032, 8.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 129, 102) }
```

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

```
.background{ background-color: rgb(68, 129,  
102) }
```

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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