

Converting Colors

HunterLab(51.3683, -22.8538,
27.3064)

Have a look what the booklet for
HunterLab(51.3683, -22.8538,
27.3064) contains.

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Color

**HunterLab(51.2268,
-22.8125, 27.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	769735
RGB	118, 151, 53
RGB Percent	46%, 59%, 21%
CMY	0.5373, 0.4078, 0.7921
CMYK	0.22, 0.00, 0.65, 0.41
HSL	80°, 48%, 40%
HSV	80°, 65%, 59%
XYZ	19.1805, 26.2419, 7.4225
YIQ	129.9610, 11.7900, -37.4740

Conversions

Conversions Part 2

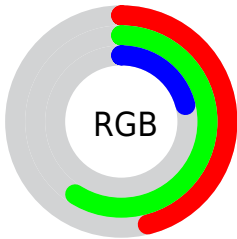
Format	Color
RYB	53, 151, 86
Decimal	7771957
CIELab	58.27, -26.84, 46.34
CIELCh	58, 53.553, 120.074
Yxy	26.2430, 0.3630, 0.4966
Android (android.graphics.Color)	4285962037 (0xFF769735)
YUV	129.9610, -37.9418, -10.4898
Hunter-Lab	51.2268, -22.8125, 27.2680

Details

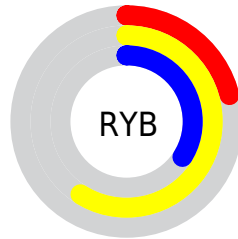
The HunterLab color $51.2268, -22.8125, 27.2680$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $25.9995, 27.9471, -50.2602$, and the grayscale version is $47.3740, -2.5278, 2.5739$.

A 20% lighter version of the original color is $73.1754, -26.6690, 34.0119$, and $32.0509, -18.1961, 19.4311$ is the 20% darker color. If you saturate the color by 10%, you get $50.7728, -24.8162, 28.7198$, and if you desaturate by 10%, it is $51.7400, -20.5307, 25.2366$.

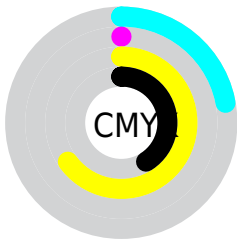
Distribution



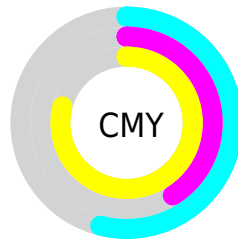
- Red (46%)
- Green (59%)
- Blue (21%)



- Red (21%)
- Yellow (59%)
- Blue (34%)



- Cyan (22%)
- Magenta (0%)
- Yellow (65%)
- Black (41%)



- Cyan (54%)
- Magenta (41%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2268, -22.8125, 27.2680 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 51.2268, -22.8125, 27.2680 by changing the saturation by 10% instead.

■ 51.2268, -22.8125,
27.2680

■ 51.2268, -22.8125,
27.2680

168.5150,
-40.2933, 54.3144

■ 41.2378, -20.6304,
23.6249

■ 73.2576, -26.9491,
34.0038

■ 31.9976, -18.3325,
19.7430

■ 85.2184, -28.9362,
37.1598

■ 23.5740, -15.8729,
16.0811

■ 97.7674, -30.8853,
40.2064

■ 16.0556, -13.1712,
11.2389

■ 110.8784,
-32.8046, 43.1615

■ 9.5684, -12.7386,
6.6978

■ 124.5280,
-34.7005, 46.0392

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.6959,

-36.5780, 48.8512

0.0000, NaN, NaN

153.3637,
-38.4412, 51.6070

0.0000, NaN, NaN

■ 51.2268, -22.8125,
27.2680

■ 51.2268, -22.8125,
27.2680

■ 50.7728, -24.8162,
28.7198

■ 51.7400, -20.5307,
25.2366

■ 50.3715, -26.5490,
29.6320

■ 52.3111, -17.9614,
22.5972

■ 50.0197, -28.0333,
30.0690

■ 52.9428, -15.1055,
19.3335

■ 49.8521, -28.7366,
30.2155

■ 53.6360, -11.9663,
15.4388

■ 54.3912, -8.5504,
10.9141

■ 55.2085, -4.8672,
5.7673

■ 56.0874, -0.9278,
0.0121

■ 57.0275, 3.2548,
-6.3331

■ 58.0279, 7.6666,
-13.2462

Harmonies

Analogous

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



51.2279, -2.7928, 29.3479



51.2268, -22.8125, 27.2680



51.2279, -35.3241, 19.4702

Triad

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



51.2279, -22.8138, 27.2683



51.2279, -22.7313, -47.7839



51.2279, 48.5879, 2.8424

Complementary

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



51.2268, -22.8125, 27.2680



25.9995, 27.9471, -50.2602

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.



51.2279, 40.8142, -22.5314



51.2268, -22.8125, 27.2680



51.2279, -2.6794, -58.4796

Square

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



51.2279, -22.8138, 27.2683



51.2279, -35.2826, -22.6680



51.2279, 21.0067, -47.6838



51.2279, 40.7399, 19.5287

Rectangle

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



51.2268, -22.8125, 27.2680



51.2279, -39.0115, 9.4375



51.2279, 21.0067, -47.6838



51.2279, 47.7003, -4.8918

Sweetspot

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



51.2279, -22.8138, 27.2683



72.3233, -13.5356, 17.4222



36.6603, 17.1933, 17.4430



34.3531, -7.0267, 9.0622



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.



51.2279, -22.8138, 27.2683



67.6852, -34.3337, 39.0876



48.6508, -33.0829, 25.2940



26.6809, -3.1603, 3.9280



45.9972, -26.4347, 27.8805



5.7971, -2.5519, 3.5275

Inverse Universe

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



25.9995, 27.9471, -50.2602



28.5735, 47.2673, -90.3656



31.4715, 40.2005, -35.0644



24.7434, 0.4939, -1.3477



15.8452, 39.1313, -82.7515



2.3691, 5.2566, -7.7673

Previews

White Background



This preview shows how the HunterLab color 51.2268, -22.8125, 27.2680 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 51.2268, -22.8125, 27.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

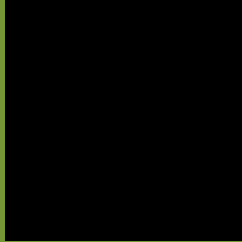
Any Text WCAG AA ✓ Pass

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 51.2268, -22.8125, 27.2680 Background



This preview shows how black text looks on a background with the HunterLab color 51.2268, -22.8125, 27.2680.



This preview shows how white text looks on a background with the HunterLab color 51.2268,

-22.8125, 27.2680.

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

51.2268, -22.8125, 27.2680

Protanopia

51.0435, -6.5723, 27.8326

Deuteranopia

50.9657, 3.3090, 26.6493



Tritanopia

51.0837, -3.8550, -3.5682

Trichromacy



Original Color

51.2268, -22.8125, 27.2680

Protanomaly

50.9277, -12.9741, 27.5080

Deuteranomaly

50.8172, -7.2502, 26.6701

Tritanomaly

50.9615, -12.3331, 11.6063

Monochromacy



Original Color

51.2268, -22.8125, 27.2680

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.5509, -11.0986, 14.3717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2268, -22.8125, 27.2680 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(118, 151, 53)` looks like.

```
.text, #text, p{  
    color:rgb(118, 151, 53)  
}
```

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(118, 151, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 151, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2268, -22.8125, 27.2680 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(118, 151, 53) }
```


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

```
.border{ border-color:rgb(118, 151, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 151, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 151, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 151, 53);  
box-shadow:4px 4px 4px 4px rgb(118, 151,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2268, -22.8125, 27.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 151, 53) }
```

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

```
.background{ background-color: rgb(118,  
151, 53) }
```

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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