

Converting Colors

HunterLab(51.3448, -22.8630,
16.4744)

Have a look what the booklet for
HunterLab(51.3448, -22.8630,
16.4744) contains.

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Color

**HunterLab(51.3023,
-22.7318, 16.3844)**

Conversions

Conversions Part 1

Format	Color
Hex	679867
RGB	103, 152, 103
RGB Percent	40%, 60%, 40%
CMY	0.5961, 0.4039, 0.5961
CMYK	0.32, 0.00, 0.32, 0.40
HSL	120°, 19%, 50%
HSV	120°, 32%, 60%
XYZ	19.2699, 26.3193, 16.8965
YIQ	131.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

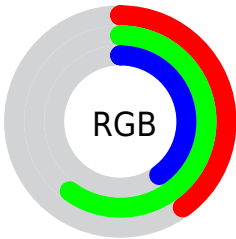
Format	Color
RYB	103, 152, 152
Decimal	6789223
CIELab	58.34, -26.70, 20.70
CIELCh	58, 33.778, 142.216
Yxy	26.3204, 0.3084, 0.4212
Android (android.graphics.Color)	4284979303 (0xFF679867)
YUV	131.7630, -14.1802, -25.2252
Hunter-Lab	51.3023, -22.7318, 16.3844

Details

The HunterLab color $51.3023, -22.7318, 16.3844$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43.1780, 21.4542, -13.8102$, and the grayscale version is $48.0007, -2.5612, 2.6080$.

A 20% lighter version of the original color is $73.5028, -26.9839, 20.1594$, and $32.1560, -18.4621, 12.8268$ is the 20% darker color. If you saturate the color by 10%, you get $50.2232, -27.5145, 19.6172$, and if you desaturate by 10%, it is $52.5699, -17.2652, 12.6896$.

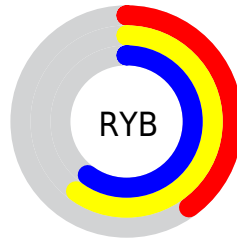
Distribution



Red (40%)

Green (60%)

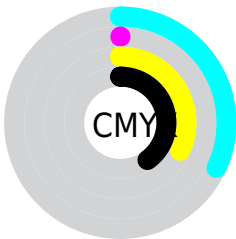
Blue (40%)



Red (40%)

Yellow (60%)

Blue (60%)

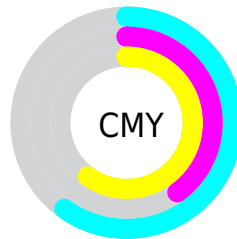


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3023, -22.7318, 16.3844 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 51.3023, -22.7318, 16.3844 by changing the saturation by 10% instead.

■ 51.3023, -22.7318,
16.3844

■ 51.3023, -22.7318,
16.3844

168.6272,
-40.1483, 31.3327

■ 41.3079, -20.5593,
14.5625

■ 73.3426, -26.8506,
19.8633

■ 32.0621, -18.2726,
12.6549

■ 85.3078, -28.8299,
21.5476

■ 23.6323, -15.8258,
10.6251

■ 97.8610, -30.7717,
23.2080

■ 16.1069, -13.1396,
8.4633

■ 110.9759,
-32.6842, 24.8508

■ 9.6115, -12.6256,
6.7281

124.6294,
-34.5736, 26.4812

0.0000, NaN, NaN

138.8010,

0.0000, NaN, NaN

-36.4448, 28.1029

0.0000, NaN, NaN

153.4724,
-38.3020, 29.7193

0.0000, NaN, NaN

■ 51.3023, -22.7318,
16.3844

■ 51.3023, -22.7318,
16.3844

■ 50.2232, -27.5145,
19.6172

■ 52.5699, -17.2652,
12.6896

■ 49.3296, -31.5585,
22.3511

■ 54.0197, -11.1773,
8.5758

■ 48.6195, -34.8322,
24.5646

■ 55.6478, -4.5421,
4.0931

■ 48.0859, -37.3285,
26.2526

■ 57.4474, 2.5654,
-0.7078

■ 47.7175, -39.0708,
27.4308

■ 59.4106, 10.0723,
-5.7773

■ 47.4976, -40.1182,
28.1392

■ 61.5286, 17.9105,
-11.0692

■ 47.3893, -40.6363,
28.4896

■ 63.7926, 26.0190,
-16.5424

■ 66.1935, 34.3446,
-22.1606

■ 68.7225, 42.8419,
-27.8933

Harmonies

Analogous

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



51.3034, -12.7384, 21.6006



51.3023, -22.7318, 16.3844



51.3034, -27.2636, 6.2142

Triad

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



51.3034, -22.7327, 16.3849



51.3034, -6.4155, -30.5150



51.3034, 25.3106, 11.7392

Complementary

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



51.3023, -22.7318, 16.3844



43.1780, 21.4542, -13.8102

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.



51.3034, 27.4802, -0.8822



51.3023, -22.7318, 16.3844



51.3034, 8.0877, -27.8440

Square

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



51.3034, -22.7327, 16.3849



51.3034, -18.5395, -22.5116



51.3034, 20.8773, -15.9807



51.3034, 15.2377, 19.4762

Rectangle

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



51.3023, -22.7318, 16.3844



51.3034, -26.9667, -3.0626



51.3034, 20.8773, -15.9807



51.3034, 27.0299, 8.0299

Sweetspot

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



51.3034, -22.7327, 16.3849



72.1904, -13.1042, 10.2141



54.8748, -9.4190, 19.7841



34.2884, -6.7755, 5.2263



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.



51.3034, -22.7327, 16.3849



67.0563, -35.0682, 25.0578



51.8522, -19.5306, 8.4538



26.3165, -4.4605, 3.5082



43.3928, -37.2092, 26.0869



5.3056, -4.5496, 3.1896

Inverse Universe

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



43.1780, 21.4542, -13.8102



54.0025, 36.2207, -23.6564



42.3341, 17.2580, -1.9733



25.1469, 1.8567, -0.8088



27.3824, 53.8345, -36.1141



3.3481, 6.5824, -4.4158

Previews

White Background



This preview shows how the HunterLab color 51.3023, -22.7318, 16.3844 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 51.3023, -22.7318, 16.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

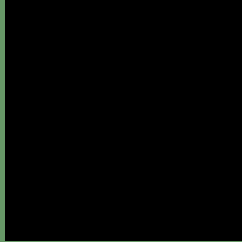
Any Text WCAG AA ✓ Pass

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 51.3023, -22.7318, 16.3844 Background



This preview shows how black text looks on a background with the HunterLab color 51.3023, -22.7318, 16.3844.



This preview shows how white text looks on a background with the HunterLab color 51.3023,

-22.7318, 16.3844.

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

51.3023, -22.7318, 16.3844

Protanopia

51.2028, -4.7344, 18.0877

Deuteranopia

50.9944, 3.4809, 15.3107



Tritanopia

51.1819, -9.2802, -5.5760

Trichromacy



Original Color

51.3023, -22.7318, 16.3844

Protanomaly

50.9264, -11.6417, 17.1401

Deuteranomaly

50.8342, -7.2080, 15.2938

Tritanomaly

51.2222, -15.0222, 3.9053

Monochromacy



Original Color

51.3023, -22.7318, 16.3844

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.8985, -10.4871, 8.0141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3023, -22.7318, 16.3844 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(103, 152, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 152, 103)  
}
```

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(103, 152, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 152, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3023, -22.7318, 16.3844 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(103, 152, 103) }
```


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

```
.border{ border-color:rgb(103, 152, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 152, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 152, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 152, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 152,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3023, -22.7318, 16.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 152, 103) }
```

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

```
.background{ background-color: rgb(103,  
152, 103) }
```

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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