

Converting Colors

HunterLab(51.5623, -23.3601,
16.6200)

Have a look what the booklet for
HunterLab(51.5623, -23.3601,
16.6200) contains.

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Color

**HunterLab(51.5621,
-23.3547, 16.6083)**

Conversions

Conversions Part 1

Format	Color
Hex	669967
RGB	102, 153, 103
RGB Percent	40%, 60%, 40%
CMY	0.6000, 0.4000, 0.5961
CMYK	0.33, 0.00, 0.33, 0.40
HSL	121°, 20%, 50%
HSV	121°, 33%, 60%
XYZ	19.3189, 26.5865, 16.9455
YIQ	132.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

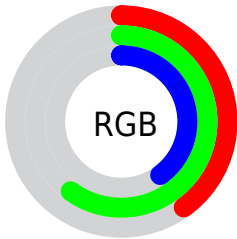
Format	Color
RYB	102, 152, 153
Decimal	6723943
CIELab	58.59, -27.53, 21.02
CIELCh	59, 34.638, 142.629
Yxy	26.5876, 0.3074, 0.4230
Android (android.graphics.Color)	4284914023 (0xFF669967)
YUV	132.0510, -14.3221, -26.3547
Hunter-Lab	51.5621, -23.3547, 16.6083

Details

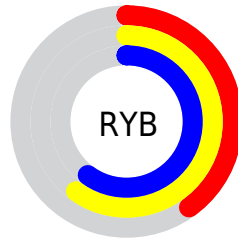
The HunterLab color $51.5621, -23.3547, 16.6083$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $43.0611, 22.2917, -13.9784$, and the grayscale version is $48.1152, -2.5673, 2.6142$.

A 20% lighter version of the original color is $73.7654, -27.6836, 20.3967$, and $32.4170, -18.9719, 13.0324$ is the 20% darker color. If you saturate the color by 10%, you get $50.4975, -28.0812, 19.7842$, and if you desaturate by 10%, it is $52.8151, -17.9426, 12.9890$.

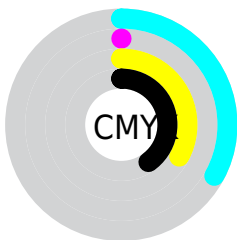
Distribution



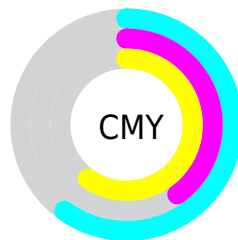
- Red (40%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5621, -23.3547, 16.6083 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 51.5621, -23.3547, 16.6083 by changing the saturation by 10% instead.

■ 51.5621, -23.3547,
16.6083

■ 51.5621, -23.3547,
16.6083

169.0133,
-41.1279, 31.6984

■ 41.5497, -21.1300,
14.7659

■ 73.6352, -27.5674,
20.1244

■ 32.2842, -18.7866,
12.8363

■ 85.6155, -29.5896,
21.8258

■ 23.8330, -16.2772,
10.7826

■ 98.1831, -31.5721,
23.5023

■ 16.2836, -13.5205,
8.5911

■ 111.3118,
-33.5234, 25.1606

■ 9.7604, -12.8392,
6.8323

124.9785,
-35.4499, 26.8058

0.0000, NaN, NaN

139.1629,

0.0000, NaN, NaN

-37.3568, 28.4418

0.0000, NaN, NaN

153.8466,
-39.2484, 30.0718

0.0000, NaN, NaN

■ 51.5621, -23.3547,
16.6083

■ 51.5621, -23.3547,
16.6083

■ 50.4975, -28.0812,
19.7842

■ 52.8151, -17.9426,
12.9890

■ 49.6179, -32.0689,
22.4805

■ 54.2505, -11.9061,
8.9682

■ 48.9210, -35.2884,
24.6754

■ 55.8645, -5.3180,
4.5947

■ 48.3996, -37.7347,
26.3631

■ 57.6505, 1.7472,
-0.0820

■ 48.0421, -39.4332,
27.5570

■ 59.6007, 9.2168,
-5.0138

■ 47.8313, -40.4449,
28.2934

■ 61.7066, 17.0225,
-10.1559

■ 47.7390, -40.8869,
28.5936

■ 63.9593, 25.1032,
-15.4681

■ 66.3499, 33.4051,
-20.9156

■ 68.8695, 41.8823,
-26.4685

Harmonies

Analogous

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



51.5632, -13.1885, 21.9725



51.5621, -23.3547, 16.6083



51.5632, -27.9057, 6.1394

Triad

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



51.5632, -23.3556, 16.6088



51.5632, -6.3314, -31.6275



51.5632, 26.0250, 12.1204

Complementary

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



51.5621, -23.3547, 16.6083



43.0611, 22.2917, -13.9784

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.



51.5632, 28.3898, -0.7644



51.5621, -23.3547, 16.6083



51.5632, 8.5824, -28.7028

Square

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



51.5632, -23.3556, 16.6088



51.5632, -18.8180, -23.4709



51.5632, 21.6954, -16.3331



51.5632, 15.5544, 19.9334

Rectangle

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



51.5621, -23.3547, 16.6083



51.5632, -27.5457, -3.4273



51.5632, 21.6954, -16.3331



51.5632, 27.8387, 8.3481

Sweetspot

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



51.5632, -23.3556, 16.6088



73.2507, -13.2422, 10.2132



55.1661, -9.9292, 20.3091



34.2940, -6.7438, 5.1455



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.



51.5632, -23.3556, 16.6088



67.9153, -36.0611, 25.4536



52.1307, -20.0393, 8.4068



26.3201, -4.4408, 3.4575



43.3997, -37.1656, 25.9841



5.3108, -4.5172, 3.1132

Inverse Universe

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



43.0611, 22.2917, -13.9784



54.2678, 37.5252, -23.8378



42.1885, 17.9703, -1.7399



25.1427, 1.8344, -0.7496



27.2354, 53.3253, -34.2141



3.3386, 6.5496, -4.2937

Previews

White Background



This preview shows how the HunterLab color 51.5621, -23.3547, 16.6083 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 51.5621, -23.3547, 16.6083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

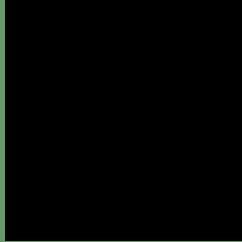
Any Text WCAG AA ✓ Pass

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 51.5621, -23.3547, 16.6083 Background



This preview shows how black text looks on a background with the HunterLab color 51.5621, -23.3547, 16.6083.



This preview shows how white text looks on a background with the HunterLab color 51.5621,

-23.3547, 16.6083.

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

51.5621, -23.3547, 16.6083

Protanopia

51.2966, -4.4050, 18.1757

Deuteranopia

51.3700, 3.3479, 15.6581



Tritanopia

51.4501, -9.7821, -5.7448

Trichromacy



Original Color

51.5621, -23.3547, 16.6083

Protanomaly

51.2242, -12.0834, 17.3976

Deuteranomaly

51.1247, -7.6639, 15.5552

Tritanomaly

51.4956, -15.5250, 3.7754

Monochromacy



Original Color

51.5621, -23.3547, 16.6083

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.1951, -10.9310, 8.3214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5621, -23.3547, 16.6083 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(102, 153, 103)` looks like.

```
.text, #text, p{  
    color:rgb(102, 153, 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(102, 153, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 153, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5621, -23.3547, 16.6083 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(102, 153, 103) }
```


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

```
.border{ border-color:rgb(102, 153, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 153, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 153, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 153, 103);  
box-shadow:4px 4px 4px 4px rgb(102, 153,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5621, -23.3547, 16.6083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 153, 103) }
```

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

```
.background{ background-color: rgb(102,  
153, 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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