

Converting Colors

HunterLab(23.2655, -12.5569,
4.0622)

Have a look what the booklet for
HunterLab(23.2655, -12.5569,
4.0622) contains.

HunterLab(23.3451, -12.6289, 3.9976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(23.3451,
-12.6289, 3.9976)**

Conversions

Conversions Part 1

Format	Color
Hex	1C4A3A
RGB	28, 74, 58
RGB Percent	11%, 29%, 23%
CMY	0.8902, 0.7098, 0.7725
CMYK	0.62, 0.00, 0.22, 0.71
HSL	159°, 45%, 20%
HSV	159°, 62%, 29%
XYZ	3.6914, 5.4499, 4.8604
YIQ	58.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

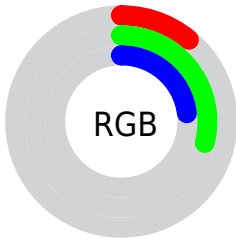
Format	Color
R_{YB}	28, 56, 74
Decimal	1854010
CIE _{Lab}	27.98, -20.24, 4.88
CIE _{LCh}	28, 20.824, 166.444
Yxy	5.4502, 0.2636, 0.3892
Android (android.graphics.Color)	4280044090 (0xFF1C4A3A)
YUV	58.4220, -0.2080, -26.6801
Hunter-Lab	23.3451, -12.6289, 3.9976

Details

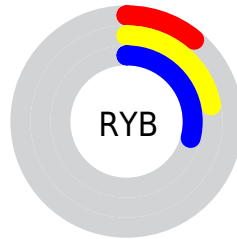
The HunterLab color **23.3451, -12.6289, 3.9976** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.7110, 14.4762, 0.9411**, and the grayscale version is **20.7211, -1.1056, 1.1258**.

A 20% lighter version of the original color is **40.9434, -16.3121, 5.5903**, and **10.0721, -7.4143, 3.4162** is the 20% darker color. If you saturate the color by 10%, you get **23.0929, -13.7481, 4.5709**, and if you desaturate by 10%, it is **23.6527, -11.3064, 3.4600**.

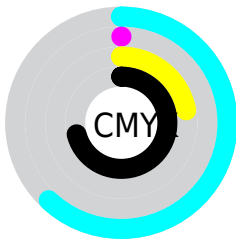
Distribution



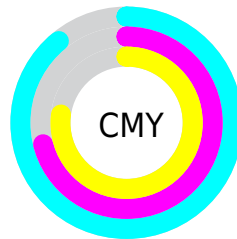
- Red (11%)
- Green (29%)
- Blue (23%)



- Red (11%)
- Yellow (22%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3451, -12.6289, 3.9976 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 23.3451, -12.6289, 3.9976 by changing the saturation by 10% instead.

■ 23.3451, -12.6289,
3.9976

■ 23.3451, -12.6289,
3.9976

124.1297,
-28.0098, 11.7299

■ 15.8547, -10.5298,
3.2140

■ 40.9624, -16.3965,
5.5870

■ 9.3995, -9.8870,
2.6642

■ 50.9319, -18.1549,
6.4045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6001, -19.8621,
7.2407

0.0000, NaN, NaN

■ 72.9239, -21.5323,
8.0970

0.0000, NaN, NaN

■ 84.8675, -23.1756,
8.9739

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.4001, -24.7995,

■ 110.4952,
-26.4095, 10.7904

■ 23.3451, -12.6289,
3.9976

■ 23.3451, -12.6289,
3.9976

■ 23.0929, -13.7481,
4.5709

■ 23.6527, -11.3064,
3.4600

■ 22.8922, -14.6648,
5.1720

■ 24.0159, -9.7835,
2.9635

■ 22.7330, -15.4160,
5.7855

■ 24.4359, -8.0685,
2.5136

■ 22.6126, -15.9872,
6.2480

■ 24.9127, -6.1724,
2.1142

■ 25.4459, -4.1090,
1.7682

■ 26.0345, -1.8934,
1.4773

■ 26.6772, 0.4585,
1.2422

■ 27.3722, 2.9306,
1.0628

■ 28.1177, 5.5074,
0.9380

Harmonies

Analogous

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



23.3456, -9.9731, 8.3097



23.3451, -12.6289, 3.9976



23.3456, -12.4931, -2.5244

Triad

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



23.3456, -12.6291, 3.9979



23.3456, 2.5641, -14.0500



23.3456, 8.4452, 8.5971

Complementary

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



23.3451, -12.6289, 3.9976



15.7110, 14.4762, 0.9411

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.



23.3456, 12.6371, 4.5195



23.3451, -12.6289, 3.9976



23.3456, 8.9854, -9.0063

Square

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



23.3456, -12.6291, 3.9979



23.3456, -4.2283, -14.3093



23.3456, 12.8454, -1.8310



23.3456, 1.8920, 10.4057

Rectangle

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



23.3451, -12.6289, 3.9976



23.3456, -10.8464, -7.3739



23.3456, 12.8454, -1.8310



23.3456, 10.2083, 7.5088

Sweetspot

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



23.3456, -12.6291, 3.9979



33.0424, -7.5075, 2.6734



23.4933, -12.9889, 11.4762



16.5412, -3.9660, 1.3779



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.3456, -12.6291, 3.9979



30.3164, -18.8751, 6.4868



21.8351, -7.7337, -4.2730



13.7211, -1.7976, 0.8890



31.4678, -22.4513, 9.1339



76.4899, -55.3624, 23.9058

Inverse Universe

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



15.7110, 14.4762, 0.9411



18.5055, 23.7106, 2.3284



16.5410, 10.2467, 6.4336



13.0814, 0.4076, 0.5914



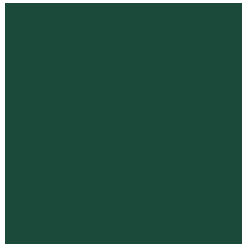
17.1727, 30.1321, 5.4893



41.6138, 72.6507, 16.1476

Previews

White Background



This preview shows how the HunterLab color 23.3451, -12.6289, 3.9976 looks on a white background.

Color Contrast Check

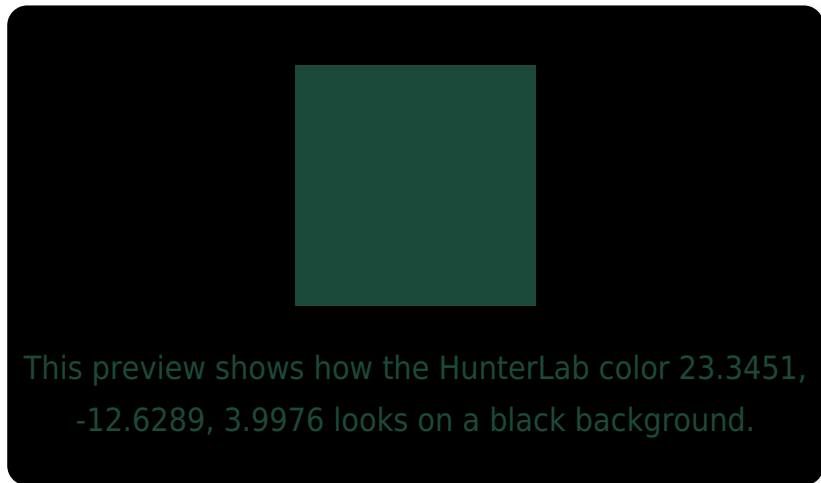
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

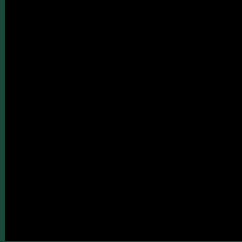
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 23.3451, -12.6289, 3.9976 Background



This preview shows how black text looks on a background with the HunterLab color 23.3451, -12.6289, 3.9976.



This preview shows how white text looks on a background with the HunterLab color 23.3451,

-12.6289, 3.9976.

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

23.3451, -12.6289, 3.9976

Protanopia

23.3770, -1.6634, 5.5241

Deuteranopia

23.3428, 1.0018, 3.5430



Tritanopia

23.2371, -7.7417, -3.7317

Trichromacy



Original Color

23.3451, -12.6289, 3.9976

Protanomaly

23.1178, -6.5342, 4.8607

Deuteranomaly

23.0648, -5.1981, 3.4852

Tritanomaly

23.2035, -9.6923, -0.6777

Monochromacy



Original Color

23.3451, -12.6289, 3.9976

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.3930, -5.9865, 1.9834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3451, -12.6289, 3.9976 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(28, 74, 58)` looks like.

```
.text, #text, p{  
    color:rgb(28, 74, 58)  
}
```

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(28, 74, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3451, -12.6289, 3.9976 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(28, 74, 58) }
```


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

```
.border{ border-color:rgb(28, 74, 58) }
```

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

Here you see how a box with a 4 pixel rgb(28, 74, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 74, 58);  
box-shadow:4px 4px 4px 4px rgb(28, 74, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3451, -12.6289, 3.9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 58) }
```

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

```
.background{ background-color: rgb(28, 74,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor