

Converting Colors

HunterLab(33.9143, -23.1393,
7.5608)

Have a look what the booklet for
HunterLab(33.9143, -23.1393,
7.5608) contains.

HunterLab(33.9143, -23.1391, 7.5608)	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(33.9143,
-23.1391, 7.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	006D4F
RGB	0, 109, 79
RGB Percent	0%, 43%, 31%
CMY	1.0000, 0.5725, 0.6902
CMYK	1.00, 0.00, 0.28, 0.57
HSL	163°, 100%, 21%
HSV	163°, 100%, 43%
XYZ	6.8799, 11.5018, 9.2546
YIQ	72.9890, -55.3340, -32.4380

Conversions

Conversions Part 2

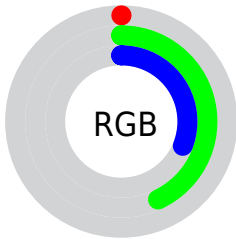
Format	Color
RYB	0, 63, 109
Decimal	27983
CIELab	40.41, -34.78, 9.33
CIELCh	40, 36.011, 164.986
Yxy	11.5022, 0.2489, 0.4162
Android (android.graphics.Color)	4278218063 (0xFF006D4F)
YUV	72.9890, 2.9634, -64.0114
Hunter-Lab	33.9143, -23.1391, 7.5608

Details

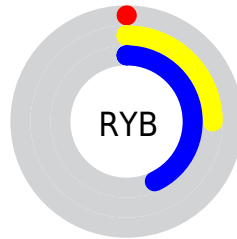
The HunterLab color **33.9143, -23.1391, 7.5608** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.2900, 31.8329, 7.8442**, and the grayscale version is **25.8131, -1.3773, 1.4025**.

A 20% lighter version of the original color is **53.3523, -28.4978, 9.6817**, and **18.3114, -13.3362, 5.9013** is the 20% darker color. If you saturate the color by 10%, you get **33.9149, -23.1398, 7.5616**, and if you desaturate by 10%, it is **34.0843, -22.3147, 6.7256**.

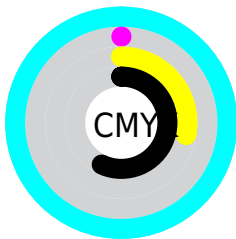
Distribution



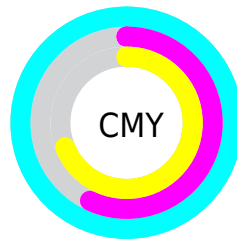
- Red (0%)
- Green (43%)
- Blue (31%)



- Red (0%)
- Yellow (25%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9143, -23.1391, 7.5608 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 33.9143, -23.1391, 7.5608 by changing the saturation by 10% instead.

■ 33.9143, -23.1391,
7.5608

■ 33.9143, -23.1391,
7.5608

141.8032,
-45.1998, 17.4976

■ 25.3095, -20.0800,
6.4518

■ 53.4652, -28.6646,
9.7355

■ 17.5878, -16.7055,
5.3040

■ 64.2966, -31.2286,
10.8190

■ 10.8658, -14.9625,
4.3154

■ 75.7743, -33.7000,
11.9070

■ 2.1404, -3.7457,
1.4983

■ 87.8638, -36.0982,
13.0027

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5356,
-38.4373, 14.1083

0.0000, NaN, NaN

■ 113.7640,

0.0000, NaN, NaN

-40.7285, 15.2253

0.0000, NaN, NaN

127.5265,
-42.9804, 16.3548

33.9143, -23.1391,
7.5608

33.9143, -23.1391,
7.5608

33.9149, -23.1398,
7.5616

34.0843, -22.3147,
6.7256

34.2957, -21.3191,
5.9013

34.5844, -20.0157,
5.1318

34.9569, -18.3882,
4.4305

35.4179, -16.4312,
3.8085

■ 35.9702, -14.1489,
3.2748

■ 36.6155, -11.5530,
2.8361

■ 37.3541, -8.6616,
2.4970

■ 38.1851, -5.4970,
2.2597

Harmonies

Analogous

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



33.9150, -18.0574, 14.9352



33.9143, -23.1391, 7.5608



33.9150, -23.1418, -5.0633

Triad

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



33.9150, -23.1393, 7.5611



33.9150, 5.0552, -31.0485



33.9150, 18.2297, 14.9305

Complementary

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



33.9143, -23.1391, 7.5608



18.2900, 31.8329, 7.8442

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.



33.9150, 26.5845, 7.5515



33.9143, -23.1391, 7.5608



33.9150, 18.2186, -20.2511

Square

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



33.9150, -23.1393, 7.5611



33.9150, -8.1833, -31.0426



33.9150, 26.5801, -5.0775



33.9150, 5.0686, 17.9361

Rectangle

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



33.9143, -23.1391, 7.5608



33.9150, -20.3175, -15.2668



33.9150, 26.5801, -5.0775



33.9150, 21.7772, 13.0390

Sweetspot

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



33.9150, -23.1393, 7.5611



48.9192, -15.7660, 3.8392



33.5071, -26.5111, 20.1825



23.4632, -8.1458, 1.9355



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.9150, -23.1393, 7.5611



45.3587, -31.1092, 10.4614



27.6807, -9.4952, -14.1001



18.6504, -2.5092, 1.0918



36.6725, -25.0597, 8.2593



82.6891, -57.1288, 19.9705

Inverse Universe

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



18.2900, 31.8329, 7.8442



24.4342, 42.4522, 11.0773



19.7209, 25.4610, 12.5971



17.6896, 0.6355, 0.9223



19.7701, 34.3923, 8.6248



44.4819, 77.0978, 21.6012

Previews

White Background



This preview shows how the HunterLab color 33.9143, -23.1391, 7.5608 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 33.9143, -23.1391, 7.5608 looks on a black 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

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

HunterLab 33.9143, -23.1391, 7.5608 Background



This preview shows how black text looks on a background with the HunterLab color 33.9143, -23.1391, 7.5608.



This preview shows how white text looks on a background with the HunterLab color 33.9143,

-23.1391, 7.5608.

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

33.9143, -23.1391, 7.5608

Protanopia

33.8778, -2.6905, 10.0985

Deuteranopia

33.9559, 2.0565, 6.6702



Tritanopia

34.1621, -14.0130, -6.3089

Trichromacy



Original Color

33.9143, -23.1391, 7.5608

Protanomaly

32.7813, -13.7671, 7.9192

Deuteranomaly

32.5726, -11.2715, 5.3435

Tritanomaly

33.8080, -17.6840, -1.0690

Monochromacy



Original Color

33.9143, -23.1391, 7.5608

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.8288, -11.9822, 2.7561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9143, -23.1391, 7.5608 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(0, 109, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 79)  
}
```

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(0, 109, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9143, -23.1391, 7.5608 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(0, 109, 79) }
```


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

```
.border{ border-color:rgb(0, 109, 79) }
```

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

Here you see how a box with a 4 pixel rgb(0, 109, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 109, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.9143, -23.1391, 7.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 79) }
```

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

```
.background{ background-color: rgb(0, 109,  
79) }
```

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