

Converting Colors

HunterLab(34.8488, -25.6702,
5.5992)

Have a look what the booklet for
HunterLab(34.8488, -25.6702,
5.5992) contains.

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Color

**HunterLab(35.3530,
-23.3665, 6.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	007157
RGB	0, 113, 87
RGB Percent	0%, 44%, 34%
CMY	1.0000, 0.5569, 0.6588
CMYK	1.00, 0.00, 0.23, 0.56
HSL	166°, 100%, 22%
HSV	166°, 100%, 44%
XYZ	7.6254, 12.4983, 11.0273
YIQ	76.2490, -59.0020, -32.0420

Conversions

Conversions Part 2

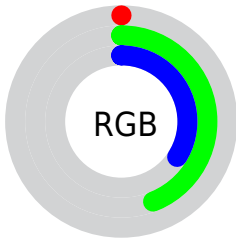
Format	Color
RYB	0, 64, 113
Decimal	29015
CIELab	42.00, -34.34, 6.77
CIELCh	42, 35.002, 168.847
Yxy	12.4988, 0.2448, 0.4012
Android (android.graphics.Color)	4278219095 (0xFF007157)
YUV	76.2490, 5.3002, -66.8704
Hunter-Lab	35.3530, -23.3665, 6.2533

Details

The HunterLab color **35.3530, -23.3665, 6.2533** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.9356, 32.8200, 9.1813**, and the grayscale version is **26.9706, -1.4391, 1.4654**.

A 20% lighter version of the original color is **55.2580, -28.9438, 8.1492**, and **19.5805, -13.7424, 5.1920** is the 20% darker color. If you saturate the color by 10%, you get **35.3536, -23.3672, 6.2541**, and if you desaturate by 10%, it is **35.5181, -22.5751, 5.4922**.

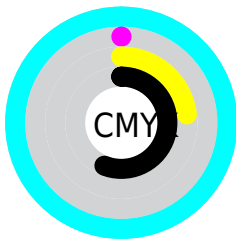
Distribution



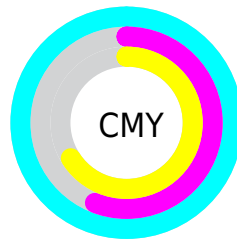
- Red (0%)
- Green (44%)
- Blue (34%)



- Red (0%)
- Yellow (25%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (66%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3530, -23.3665, 6.2533 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 35.3530, -23.3665, 6.2533 by changing the saturation by 10% instead.

■ 35.3530, -23.3665,
6.2533

■ 35.3530, -23.3665,
6.2533

144.1112,
-45.0957, 15.0554

■ 26.6165, -20.3824,
5.3307

■ 55.1366, -28.7819,
8.1114

■ 18.7481, -17.1072,
4.3986

■ 66.0729, -31.3031,
9.0561

■ 11.8579, -14.3664,
3.4359

■ 77.6498, -33.7369,
10.0147

■ 4.7033, -8.2308,
3.2923

■ 89.8334, -36.1015,
10.9889

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 102.5950,
-38.4103, 11.9796

0.0000, NaN, NaN

■ 115.9094,

0.0000, NaN, NaN

-40.6738, 12.9874

0.0000, NaN, NaN

129.7547,
-42.9001, 14.0125

35.3530, -23.3665,
6.2533

35.3530, -23.3665,
6.2533

35.3536, -23.3672,
6.2541

35.5181, -22.5751,
5.4922

35.7274, -21.6026,
4.7572

36.0164, -20.3146,
4.0927

36.3921, -18.6928,
3.5118

36.8595, -16.7305,
3.0254

■ 37.4219, -14.4306,
2.6414

■ 38.0810, -11.8043,
2.3656

■ 38.8373, -8.8693,
2.2012

■ 39.6900, -5.6480,
2.1490

Harmonies

Analogous

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



35.3537, -18.9288, 14.3423



35.3530, -23.3665, 6.2533



35.3537, -22.7120, -6.7261

Triad

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



35.3537, -23.3667, 6.2536



35.3537, 6.6240, -29.1009



35.3537, 16.2662, 15.6319

Complementary

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



35.3530, -23.3665, 6.2533



18.9356, 32.8200, 9.1813

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.



35.3537, 25.2544, 8.8240



35.3530, -23.3665, 6.2533



35.3537, 19.1520, -17.7596

Square

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



35.3537, -23.3667, 6.2536



35.3537, -6.6310, -30.5893



35.3537, 26.3813, -3.0327



35.3537, 3.1185, 18.2876

Rectangle

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



35.3530, -23.3665, 6.2533



35.3537, -19.4484, -16.6505



35.3537, 26.3813, -3.0327



35.3537, 19.9513, 13.8982

Sweetspot

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



35.3537, -23.3667, 6.2536



50.8817, -16.0955, 3.1899



34.6918, -28.0846, 20.8849



24.3275, -8.3006, 1.5852



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



35.3537, -23.3667, 6.2536



47.2867, -31.3990, 8.6771



27.1273, -7.5705, -17.5634



19.5005, -2.6033, 1.0539



37.6489, -24.9116, 6.7192



83.9479, -56.0945, 16.1644

Inverse Universe

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



18.9356, 32.8200, 9.1813



25.3027, 43.7888, 12.8061



21.0865, 24.7086, 13.4255



18.4741, 0.6478, 1.0513



20.1598, 34.9302, 9.8802



44.8692, 77.4963, 23.9043

Previews

White Background



This preview shows how the HunterLab color 35.3530, -23.3665, 6.2533 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 35.3530, -23.3665, 6.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

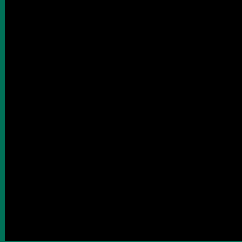
Any Text WCAG AA × Fail

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 35.3530, -23.3665, 6.2533 Background



This preview shows how black text looks on a background with the HunterLab color 35.3530, -23.3665, 6.2533.



This preview shows how white text looks on a background with the HunterLab color 35.3530,

-23.3665, 6.2533.

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

35.3530, -23.3665, 6.2533

Protanopia

35.3640, -2.6520, 9.0206

Deuteranopia

35.0988, 2.3312, 4.9493



Tritanopia

35.5002, -14.7008, -7.0077

Trichromacy



Original Color

35.3530, -23.3665, 6.2533

Protanomaly

34.2322, -13.8822, 6.6767

Deuteranomaly

34.0302, -11.3199, 3.9182

Tritanomaly

35.1909, -18.1615, -2.0691

Monochromacy



Original Color

35.3530, -23.3665, 6.2533

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.9004, -12.0395, 2.0276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3530, -23.3665, 6.2533 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, 113, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 87)  
}
```

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, 113, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3530, -23.3665, 6.2533 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, 113, 87) }
```


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

```
.border{ border-color:rgb(0, 113, 87) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 87);  
box-shadow:4px 4px 4px 4px rgb(0, 113, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.3530, -23.3665, 6.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 87) }
```

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

```
.background{ background-color: rgb(0, 113,  
87) }
```

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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