

Converting Colors

HunterLab(36.2301, -23.4391,
13.4456)

Have a look what the booklet for
HunterLab(36.2301, -23.4391,
13.4456) contains.

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Color

**HunterLab(36.3184,
-23.4874, 13.5537)**

Conversions

Conversions Part 1

Format	Color
Hex	2C7342
RGB	44, 115, 66
RGB Percent	17%, 45%, 26%
CMY	0.8274, 0.5490, 0.7412
CMYK	0.62, 0.00, 0.43, 0.55
HSL	139°, 45%, 31%
HSV	139°, 62%, 45%
XYZ	8.1528, 13.1903, 7.2705
YIQ	88.1850, -26.5870, -30.2910

Conversions

Conversions Part 2

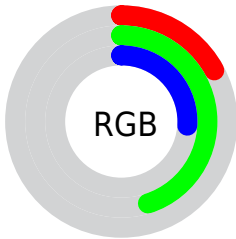
Format	Color
RYB	44, 98, 115
Decimal	2913090
CIELab	43.05, -34.01, 20.67
CIElCh	43, 39.799, 148.713
Yxy	13.1908, 0.2849, 0.4610
Android (android.graphics.Color)	4281103170 (0xFF2C7342)
YUV	88.1850, -10.9372, -38.7502
Hunter-Lab	36.3184, -23.4874, 13.5537

Details

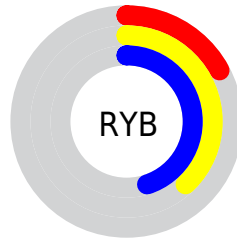
The HunterLab color **36.3184, -23.4874, 13.5537** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24.9734, 27.3940, -8.7189**, and the grayscale version is **31.3535, -1.6729, 1.7035**.

A 20% lighter version of the original color is **56.3777, -28.9206, 17.1759**, and **19.8856, -16.0119, 9.7099** is the 20% darker color. If you saturate the color by 10%, you get **35.8932, -25.4769, 15.0447**, and if you desaturate by 10%, it is **36.8537, -21.0576, 11.9354**.

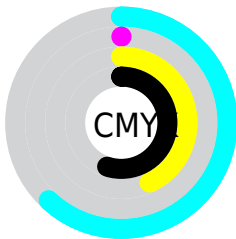
Distribution



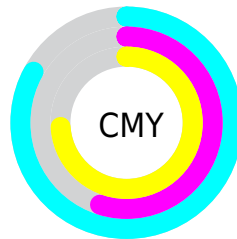
- Red (17%)
- Green (45%)
- Blue (26%)



- Red (17%)
- Yellow (38%)
- Blue (45%)



- Cyan (62%)
- Magenta (0%)
- Yellow (43%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3184, -23.4874, 13.5537 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 36.3184, -23.4874, 13.5537 by changing the saturation by 10% instead.

■ 36.3184, -23.4874,
13.5537

■ 36.3184, -23.4874,
13.5537

145.6492,
-44.9836, 28.8395

■ 27.4956, -20.5543,
11.5896

■ 56.2549, -28.8273,
17.2053

■ 19.5314, -17.3452,
9.4755

■ 67.2603, -31.3184,
18.9424

■ 12.5319, -14.1992,
8.1670

■ 78.9024, -33.7258,
20.6413

■ 5.8102, -10.1678,
4.0671

■ 91.1481, -36.0666,
22.3120

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.9689,
-38.3538, 23.9620

0.0000, NaN, NaN

■ 117.3402,

0.0000, NaN, NaN

-40.5973, 25.5971

0.0000, NaN, NaN

131.2401,
-42.8052, 27.2218

■ 36.3184, -23.4874,
13.5537

■ 36.3184, -23.4874,
13.5537

■ 35.8932, -25.4769,
15.0447

■ 36.8537, -21.0576,
11.9354

■ 35.5707, -27.0277,
16.3914

■ 37.5001, -18.1966,
10.2072

■ 35.3437, -28.1591,
17.5809

■ 38.2595, -14.9265,
8.3893

■ 35.1953, -28.9105,
18.4184

■ 39.1315, -11.2772,
6.5016

■ 40.1145, -7.2840,
4.5639

■ 41.2057, -2.9853,
2.5943

■ 42.4014, 1.5795,
0.6093

■ 43.6973, 6.3723,
-1.3769

■ 45.0889, 11.3572,
-3.3525

Harmonies

Analogous

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



36.3191, -14.8095, 18.7696



36.3184, -23.4874, 13.5537



36.3191, -26.5558, 2.5892

Triad

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



36.3191, -23.4879, 13.5540



36.3191, -2.5868, -37.6562



36.3191, 27.0468, 12.8614

Complementary

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



36.3184, -23.4874, 13.5537



24.9734, 27.3940, -8.7189

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.



36.3191, 31.7112, 1.3539



36.3184, -23.4874, 13.5537



36.3191, 13.0163, -31.3519

Square

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



36.3191, -23.4879, 13.5540



36.3191, -15.7652, -30.2454



36.3191, 26.2099, -15.3981



36.3191, 14.3235, 18.4993

Rectangle

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



36.3184, -23.4874, 13.5537



36.3191, -25.4628, -7.9974



36.3191, 26.2099, -15.3981



36.3191, 29.6923, 9.7386

Sweetspot

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



36.3191, -23.4879, 13.5540



52.6455, -13.9318, 8.1242



38.4808, -15.5221, 19.7684



25.5719, -7.3876, 4.2579



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.3191, -23.4879, 13.5540



47.8325, -35.0350, 20.9144



37.0583, -19.0497, 2.8850



20.2859, -3.0924, 2.0274



37.6258, -30.9408, 19.7633



82.9765, -68.8205, 44.8503

Inverse Universe

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



24.9734, 27.3940, -8.7189



30.4062, 43.8851, -12.6857



23.9873, 23.0607, 5.2240



19.3379, 1.0561, 0.1332



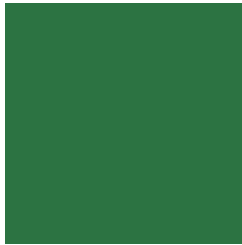
21.9417, 40.5268, -8.6978



48.2721, 88.8747, -16.9253

Previews

White Background



This preview shows how the HunterLab color 36.3184, -23.4874, 13.5537 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 36.3184, -23.4874, 13.5537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

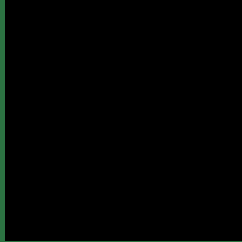
Any Text WCAG AA × Fail

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 36.3184, -23.4874, 13.5537 Background



This preview shows how black text looks on a background with the HunterLab color 36.3184, -23.4874, 13.5537.



This preview shows how white text looks on a background with the HunterLab color 36.3184,

-23.4874, 13.5537.

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

36.3184, -23.4874, 13.5537

Protanopia

36.0885, -3.5459, 14.9223

Deuteranopia

36.1338, 2.2962, 12.7981



Tritanopia

36.2975, -11.6769, -5.8346

Trichromacy



Original Color

36.3184, -23.4874, 13.5537

Protanomaly

35.6275, -12.3380, 13.9116

Deuteranomaly

35.5773, -9.3851, 12.3754

Tritanomaly

36.1303, -16.5018, 2.6034

Monochromacy



Original Color

36.3184, -23.4874, 13.5537

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.6990, -10.8876, 6.1972

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3184, -23.4874, 13.5537 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(44, 115, 66)` looks like.

```
.text, #text, p{  
    color:rgb(44, 115, 66)  
}
```

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(44, 115, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 115, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3184, -23.4874, 13.5537 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(44, 115, 66) }
```


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

```
.border{ border-color:rgb(44, 115, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 115, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 115, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 115, 66);  
box-shadow:4px 4px 4px 4px rgb(44, 115,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3184, -23.4874, 13.5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 115, 66) }
```

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

```
.background{ background-color: rgb(44, 115,  
66) }
```

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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