

Converting Colors

HunterLab(36.1774, -24.0345,
13.0314)

Have a look what the booklet for
HunterLab(36.1774, -24.0345,
13.0314) contains.

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Color

**HunterLab(36.1813,
-23.9805, 12.9132)**

Conversions

Conversions Part 1

Format	Color
Hex	267344
RGB	38, 115, 68
RGB Percent	15%, 45%, 27%
CMY	0.8510, 0.5490, 0.7333
CMYK	0.67, 0.00, 0.41, 0.55
HSL	143°, 50%, 30%
HSV	143°, 67%, 45%
XYZ	7.9734, 13.0909, 7.5754
YIQ	86.6190, -30.8050, -30.9410

Conversions

Conversions Part 2

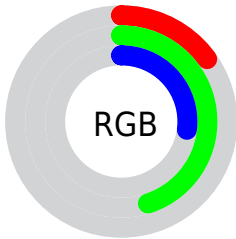
Format	Color
R_{YB}	38, 93, 115
Decimal	2519876
CIE _{Lab}	42.90, -35.00, 19.29
CIE _{LCh}	43, 39.965, 151.134
Yxy	13.0914, 0.2784, 0.4571
Android (android.graphics.Color)	4280709956 (0xFF267344)
YUV	86.6190, -9.1792, -42.6389
Hunter-Lab	36.1813, -23.9805, 12.9132

Details

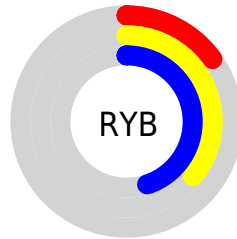
The HunterLab color $36.1813, -23.9805, 12.9132$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $23.8478, 28.6507, -6.1715$, and the grayscale version is $30.7735, -1.6420, 1.6720$.

A 20% lighter version of the original color is $56.1827, -29.6073, 16.3407$, and $19.9057, -15.8864, 9.4138$ is the 20% darker color. If you saturate the color by 10%, you get $35.8119, -25.7282, 14.3118$, and if you desaturate by 10%, it is $36.6548, -21.8149, 11.4313$.

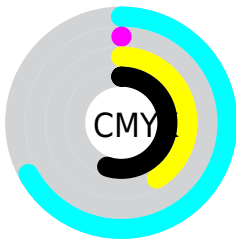
Distribution



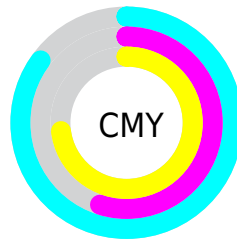
- Red (15%)
- Green (45%)
- Blue (27%)



- Red (15%)
- Yellow (36%)
- Blue (45%)



- Cyan (67%)
- Magenta (0%)
- Yellow (41%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1813, -23.9805, 12.9132 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 36.1813, -23.9805, 12.9132 by changing the saturation by 10% instead.

■ 36.1813, -23.9805,
12.9132

■ 36.1813, -23.9805,
12.9132

145.4313,
-45.9716, 27.5327

■ 27.3706, -20.9656,
11.0562

■ 56.0962, -29.4592,
16.3799

■ 19.4199, -17.6621,
9.0625

■ 67.0919, -32.0111,
18.0354

■ 12.4358, -14.5421,
7.7222

■ 78.7248, -34.4749,
19.6581

■ 5.6667, -9.9168,
3.9667

■ 90.9617, -36.8687,
21.2572

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.7742,
-39.2058, 22.8396

0.0000, NaN, NaN

■ 117.1374,

0.0000, NaN, NaN

-41.4969, 24.4105

0.0000, NaN, NaN

131.0296,
-43.7500, 25.9738

■ 36.1813, -23.9805,
12.9132

■ 36.1813, -23.9805,
12.9132

■ 35.8119, -25.7282,
14.3118

■ 36.6548, -21.8149,
11.4313

■ 35.5380, -27.0674,
15.6097

■ 37.2343, -19.2335,
9.8828

■ 35.3402, -28.0714,
16.7834

■ 37.9227, -16.2513,
8.2862

■ 35.2844, -28.3546,
17.1069

■ 38.7206, -12.8921,
6.6592

■ 39.6271, -9.1865,
5.0189

■ 40.6402, -5.1689,
3.3808

■ 41.7569, -0.8757,
1.7582

■ 42.9735, 3.6564,
0.1627

■ 44.2858, 8.3924,
-1.3968

Harmonies

Analogous

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



36.1820, -15.7343, 18.5156



36.1813, -23.9805, 12.9132



36.1820, -26.5939, 1.4196

Triad

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



36.1820, -23.9809, 12.9135



36.1820, -1.3571, -37.8730



36.1820, 26.3749, 13.5233

Complementary

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



36.1813, -23.9805, 12.9132



23.8478, 28.6507, -6.1715

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.



36.1820, 31.8521, 2.5109



36.1813, -23.9805, 12.9132



36.1820, 14.3091, -30.4794

Square

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



36.1820, -23.9809, 12.9135



36.1820, -14.8910, -31.4602



36.1820, 27.1155, -14.0332



36.1820, 13.1531, 18.7528

Rectangle

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



36.1813, -23.9805, 12.9132



36.1820, -25.1962, -9.4507



36.1820, 27.1155, -14.0332



36.1820, 29.2715, 10.5682

Sweetspot

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



36.1820, -23.9809, 12.9135



52.5773, -14.1131, 7.5002



37.8893, -17.9170, 20.1640



25.5477, -7.4350, 3.9024



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.



36.1820, -23.9809, 12.9135



47.7175, -35.4168, 20.0631



37.0338, -18.8617, 0.6514



20.2969, -3.0310, 1.8698



37.7205, -30.3499, 18.3694



83.1739, -67.5880, 41.9429

Inverse Universe

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



23.8478, 28.6507, -6.1715



29.0696, 44.9401, -7.7724



22.8831, 24.5149, 7.5659



19.3259, 0.9918, 0.3036



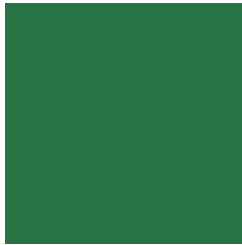
21.6123, 39.3439, -4.1137



47.5291, 86.2016, -6.5481

Previews

White Background



This preview shows how the HunterLab color 36.1813, -23.9805, 12.9132 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 36.1813, -23.9805, 12.9132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

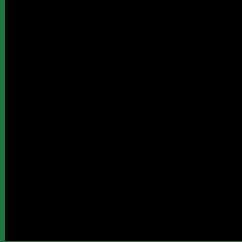
Any Text WCAG AA × Fail

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 36.1813, -23.9805, 12.9132 Background



This preview shows how black text looks on a background with the HunterLab color 36.1813, -23.9805, 12.9132.



This preview shows how white text looks on a background with the HunterLab color 36.1813,

-23.9805, 12.9132.

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

36.1813, -23.9805, 12.9132

Protanopia

36.0141, -3.7780, 14.6227

Deuteranopia

36.0698, 2.1521, 12.1861



Tritanopia

36.1352, -12.2866, -6.0710

Trichromacy



Original Color

36.1813, -23.9805, 12.9132

Protanomaly

35.4444, -12.9986, 13.4994

Deuteranomaly

35.3966, -9.9821, 11.6513

Tritanomaly

35.9749, -17.0530, 1.9987

Monochromacy



Original Color

36.1813, -23.9805, 12.9132

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.2394, -11.1458, 5.7133

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1813, -23.9805, 12.9132 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(38, 115, 68)` looks like.

```
.text, #text, p{  
  color:rgb(38, 115, 68)  
}
```

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(38, 115, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 115, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1813, -23.9805, 12.9132 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(38, 115, 68) }
```


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

```
.border{ border-color:rgb(38, 115, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 115, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 115, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 115, 68);  
box-shadow:4px 4px 4px 4px rgb(38, 115,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1813, -23.9805, 12.9132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 115, 68) }
```

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

```
.background{ background-color: rgb(38, 115,  
68) }
```

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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