

Converting Colors

HunterLab(35.9643, -10.2530,
11.0754)

Have a look what the booklet for
HunterLab(35.9643, -10.2530,
11.0754) contains.

HunterLab(36.0413, -10.3736, 11.0763)	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(36.0413,
-10.3736, 11.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6A4B
RGB	90, 106, 75
RGB Percent	35%, 42%, 29%
CMY	0.6471, 0.5843, 0.7059
CMYK	0.15, 0.00, 0.29, 0.58
HSL	91°, 17%, 35%
HSV	91°, 29%, 42%
XYZ	10.6405, 12.9898, 8.6031
YIQ	97.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

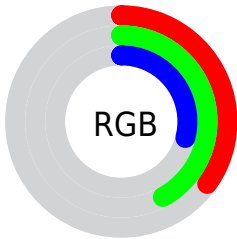
Format	Color
RYB	75, 106, 91
Decimal	5925451
CIELab	42.75, -12.25, 15.47
CIELCh	43, 19.729, 128.368
Yxy	12.9903, 0.3301, 0.4030
Android (android.graphics.Color)	4284115531 (0xFF5A6A4B)
YUV	97.6820, -11.1822, -6.7371
Hunter-Lab	36.0413, -10.3736, 11.0763

Details

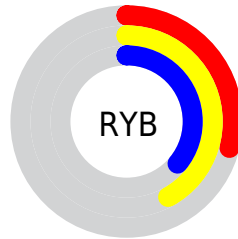
The HunterLab color **36.0413, -10.3736, 11.0763** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28.8051, 8.0431, -10.1777**, and the grayscale version is **34.8704, -1.8606, 1.8946**.

A 20% lighter version of the original color is **55.8074, -12.8697, 13.9042**, and **19.3967, -7.7170, 7.8546** is the 20% darker color. If you saturate the color by 10%, you get **35.4862, -12.8315, 13.4373**, and if you desaturate by 10%, it is **36.6502, -7.7072, 8.3419**.

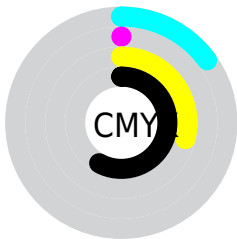
Distribution



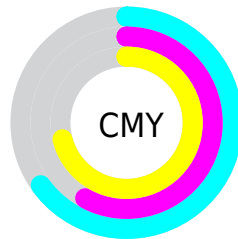
- Red (35%)
- Green (42%)
- Blue (29%)



- Red (29%)
- Yellow (42%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (29%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0413, -10.3736, 11.0763 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 36.0413, -10.3736, 11.0763 by changing the saturation by 10% instead.

■ 36.0413, -10.3736,
11.0763

■ 36.0413, -10.3736,
11.0763

145.2087,
-21.6043, 23.8637

■ 27.2431, -9.0745,
9.5158

■ 55.9342, -12.8926,
14.0337

■ 19.3063, -7.7207,
7.8584

■ 66.9200, -14.1328,
15.4647

■ 12.3378, -6.2718,
6.4487

■ 78.5434, -15.3691,
16.8781

■ 5.5163, -9.6535,
3.8614

■ 90.7714, -16.6057,
18.2806

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5753,
-17.8456, 19.6771

0.0000, NaN, NaN

116.9303,

0.0000, NaN, NaN

-19.0909, 21.0713

0.0000, NaN, NaN

130.8146,
-20.3434, 22.4661

■ 36.0413, -10.3736,
11.0763

■ 36.0413, -10.3736,
11.0763

■ 35.4862, -12.8315,
13.4373

■ 36.6502, -7.7072,
8.3419

■ 34.9826, -15.0687,
15.4187

■ 37.3100, -4.8413,
5.2422

■ 34.5311, -17.0787,
17.0215

■ 38.0206, -1.7894,
1.7905

■ 34.1310, -18.8575,
18.2525

■ 38.7812, 1.4348,
-1.9978

■ 33.7810, -20.4047,
19.1262

■ 39.5904, 4.8175,
-6.1054

■ 33.4792, -21.7249,
19.6670

■ 40.4470, 8.3448,
-10.5136

■ 33.2152, -22.8760,
20.0256

■ 41.3494, 12.0031,
-15.2032

■ 33.1962, -22.9593,
20.0534

■ 42.2961, 15.7794,
-20.1550

■ 43.2855, 19.6615,
-25.3498

Harmonies

Analogous

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



36.0421, -3.9816, 12.9876



36.0413, -10.3736, 11.0763



36.0421, -14.2720, 6.6227

Triad

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



36.0421, -10.3745, 11.0767



36.0421, -7.0440, -13.1031



36.0421, 13.3333, 3.8850

Complementary

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



36.0413, -10.3736, 11.0763



28.8051, 8.0431, -10.1777

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.



36.0421, 12.3463, -3.4187



36.0413, -10.3736, 11.0763



36.0421, 0.1786, -14.2481

Square

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



36.0421, -10.3745, 11.0767



36.0421, -12.4604, -7.5388



36.0421, 7.3824, -10.4088



36.0421, 9.9793, 9.4219

Rectangle

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



36.0413, -10.3736, 11.0763



36.0421, -15.1280, 2.3469



36.0421, 7.3824, -10.4088



36.0421, 13.5032, 1.5725

Sweetspot

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



36.0421, -10.3745, 11.0767



49.4257, -6.4146, 6.9458



33.1205, 0.8532, 8.5070



23.8737, -3.3125, 3.5913



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.0421, -10.3745, 11.0767



47.2438, -15.9628, 16.8308



35.0892, -13.9640, 10.1294



18.7348, -2.3892, 2.5860



36.9529, -25.6880, 22.3205



83.1061, -59.2576, 50.1722

Inverse Universe

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



28.8051, 8.0431, -10.1777



35.5788, 13.8434, -17.7138



30.2280, 12.4234, -7.9029



17.5920, 0.5010, -0.7277



15.0640, 34.3703, -56.7196



33.2318, 76.7113, -132.0187

Previews

White Background



This preview shows how the HunterLab color 36.0413, -10.3736, 11.0763 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 36.0413, -10.3736, 11.0763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

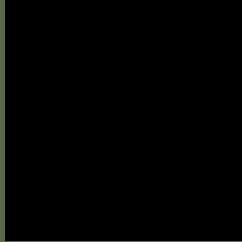
Any Text WCAG AA × Fail

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 36.0413, -10.3736, 11.0763 Background



This preview shows how black text looks on a background with the HunterLab color 36.0413, -10.3736, 11.0763.



This preview shows how white text looks on a background with the HunterLab color 36.0413,

-10.3736, 11.0763.

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

36.0413, -10.3736, 11.0763

Protanopia

36.0230, -3.3769, 11.7635

Deuteranopia

35.9677, 1.9968, 10.6242



Tritanopia

36.1406, -2.5691, -1.9763

Trichromacy



Original Color

36.0413, -10.3736, 11.0763

Protanomaly

36.0022, -6.2191, 11.4064

Deuteranomaly

35.8110, -2.6259, 10.7002

Tritanomaly

35.9036, -5.5476, 3.3508

Monochromacy



Original Color

36.0413, -10.3736, 11.0763

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.3248, -5.1305, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0413, -10.3736, 11.0763 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(90, 106, 75)` looks like.

```
.text, #text, p{  
    color:rgb(90, 106, 75)  
}
```

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(90, 106, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 106, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0413, -10.3736, 11.0763 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(90, 106, 75) }
```


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

```
.border{ border-color:rgb(90, 106, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 106, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 106, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 106, 75);  
box-shadow:4px 4px 4px 4px rgb(90, 106,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0413, -10.3736, 11.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 106, 75) }
```

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

```
.background{ background-color: rgb(90, 106,  
75) }
```

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