

Converting Colors

HunterLab(35.2274, -30.0152,
6.2998)

Have a look what the booklet for
HunterLab(35.2274, -30.0152,
6.2998) contains.

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Color

**HunterLab(36.5984,
-24.8293, 7.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	007556
RGB	0, 117, 86
RGB Percent	0%, 46%, 34%
CMY	1.0000, 0.5412, 0.6627
CMYK	1.00, 0.00, 0.26, 0.54
HSL	164°, 100%, 23%
HSV	164°, 100%, 46%
XYZ	8.0410, 13.3944, 10.9656
YIQ	78.4830, -59.7810, -34.4450

Conversions

Conversions Part 2

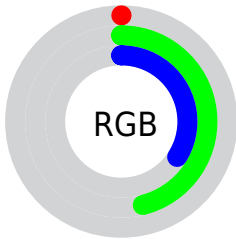
Format	Color
RYB	0, 67, 117
Decimal	30038
CIELab	43.35, -36.33, 9.28
CIELCh	43, 37.497, 165.671
Yxy	13.3950, 0.2482, 0.4134
Android (android.graphics.Color)	4278220118 (0xFF007556)
YUV	78.4830, 3.7059, -68.8296
Hunter-Lab	36.5984, -24.8293, 7.8544

Details

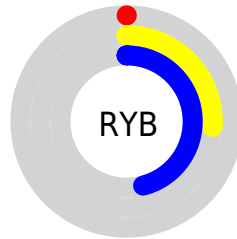
The HunterLab color **36.5984, -24.8293, 7.8544** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.7006, 34.2385, 8.8360**, and the grayscale version is **27.7792, -1.4822, 1.5093**.

A 20% lighter version of the original color is **56.5888, -30.5172, 9.9311**, and **20.4314, -14.7225, 6.2443** is the 20% darker color. If you saturate the color by 10%, you get **36.5990, -24.8300, 7.8552**, and if you desaturate by 10%, it is **36.7723, -23.9818, 6.9645**.

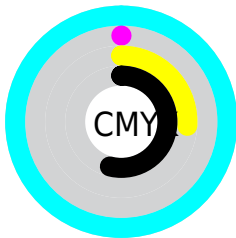
Distribution



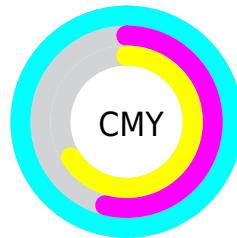
- Red (0%)
- Green (46%)
- Blue (34%)



- Red (0%)
- Yellow (26%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5984, -24.8293, 7.8544 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 36.5984, -24.8293, 7.8544 by changing the saturation by 10% instead.

■ 36.5984, -24.8293,
7.8544

■ 36.5984, -24.8293,
7.8544

146.0937,
-47.4428, 17.7857

■ 27.7508, -21.7194,
6.7559

■ 56.5787, -30.4756,
10.0193

■ 19.7592, -18.3115,
5.6263

■ 67.6040, -33.1031,
11.1011

■ 12.7285, -15.0093,
4.4349

■ 79.2649, -35.6380,
12.1886

■ 6.0921, -10.6611,
4.2644

■ 91.5283, -38.0991,
13.2846

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.3662,
-40.5004, 14.3911

0.0000, NaN, NaN

■ 117.7538,

0.0000, NaN, NaN

-42.8528, 15.5096

0.0000, NaN, NaN

131.6694,
-45.1646, 16.6408

36.5984, -24.8293,
7.8544

36.5984, -24.8293,
7.8544

36.5990, -24.8300,
7.8552

36.7723, -23.9818,
6.9645

36.9949, -22.9335,
6.0934

37.3014, -21.5510,
5.2847

37.6991, -19.8155,
4.5531

38.1933, -17.7202,
3.9108

■ 38.7873, -15.2691,
3.3677

■ 39.4830, -12.4747,
2.9307

■ 40.2807, -9.3563,
2.6045

■ 41.1797, -5.9384,
2.3915

Harmonies

Analogous

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



36.5991, -19.5095, 15.8908



36.5984, -24.8293, 7.8544



36.5991, -24.7075, -5.7407

Triad

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



36.5991, -24.8295, 7.8547



36.5991, 5.7160, -32.8749



36.5991, 19.1445, 16.1270

Complementary

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



36.5984, -24.8293, 7.8544



19.7006, 34.2385, 8.8360

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.



36.5991, 28.2175, 8.3363



36.5984, -24.8293, 7.8544



36.5991, 19.6954, -21.2003

Square

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



36.5991, -24.8295, 7.8547



36.5991, -8.4697, -33.1636



36.5991, 28.4332, -5.0362



36.5991, 5.0504, 19.2800

Rectangle

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



36.5984, -24.8293, 7.8544



36.5991, -21.5989, -16.6199



36.5991, 28.4332, -5.0362



36.5991, 22.9713, 14.1320

Sweetspot

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



36.5991, -24.8295, 7.8547



52.7567, -17.0008, 3.9620



36.0798, -28.8405, 21.7270



25.1440, -8.7607, 1.9862



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.



36.5991, -24.8295, 7.8547



48.9516, -33.3696, 10.8502



29.2348, -9.3841, -16.2826



20.3458, -2.7589, 1.1718



38.4124, -26.0833, 8.2941



84.7092, -58.1094, 19.5623

Inverse Universe

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



19.7006, 34.2385, 8.8360



26.3234, 45.6757, 12.3889



21.4009, 27.0674, 13.6605



19.2752, 0.7190, 1.0258



20.6724, 35.9181, 9.3588



45.4988, 78.7883, 22.6551

Previews

White Background



This preview shows how the HunterLab color 36.5984, -24.8293, 7.8544 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 36.5984, -24.8293, 7.8544 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 36.5984, -24.8293, 7.8544 Background



This preview shows how black text looks on a background with the HunterLab color 36.5984, -24.8293, 7.8544.



This preview shows how white text looks on a background with the HunterLab color 36.5984, -24.8293, 7.8544.

-24.8293, 7.8544.

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

36.5984, -24.8293, 7.8544

Protanopia

36.4945, -2.8760, 10.4198

Deuteranopia

36.3133, 2.3969, 6.6248



Tritanopia

36.5799, -14.9994, -7.0418

Trichromacy



Original Color

36.5984, -24.8293, 7.8544

Protanomaly

35.1991, -14.7668, 7.9849

Deuteranomaly

35.0432, -12.0247, 5.3924

Tritanomaly

36.4850, -19.3238, -0.9116

Monochromacy



Original Color

36.5984, -24.8293, 7.8544

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.8772, -12.6880, 2.7399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5984, -24.8293, 7.8544 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, 117, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 86)  
}
```

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, 117, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5984, -24.8293, 7.8544 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, 117, 86) }
```


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

```
.border{ border-color:rgb(0, 117, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.5984, -24.8293, 7.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 86) }
```

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

```
.background{ background-color: rgb(0, 117,  
86) }
```

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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