

Converting Colors

HunterLab(36.2263, 4.2276,
-13.7919)

Have a look what the booklet for
HunterLab(36.2263, 4.2276,
-13.7919) contains.

| | |
|---|----|
| HunterLab(36.1683, 4.5500, -14.0097) | 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(36.1683, 4.5500,
-14.0097)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 636285 |
| RGB | 99, 98, 133 |
| RGB Percent | 39%, 38%, 52% |
| CMY | 0.6118, 0.6157, 0.4784 |
| CMYK | 0.26, 0.26, 0.00, 0.48 |
| HSL | 242°, 15%, 45% |
| HSV | 242°, 26%, 52% |
| XYZ | 13.7469, 13.0815, 23.9907 |
| YIQ | 102.2890, -10.6390, 11.0970 |

Conversions

Conversions Part 2

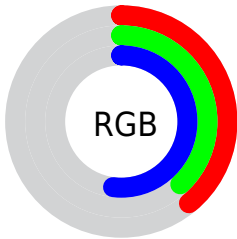
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 98, 133 |
| Decimal | 6513285 |
| CIE _{Lab} | 42.89, 8.64, -19.27 |
| CIE _{LCh} | 43, 21.117, 294.148 |
| Yxy | 13.0820, 0.2705, 0.2574 |
| Android (android.graphics.Color) | 4284703365 (0xFF636285) |
| YUV | 102.2890, 15.1405, -2.8845 |
| Hunter-Lab | 36.1683, 4.5500, -14.0097 |

Details

The HunterLab color $36.1683, 4.5500, -14.0097$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47.5002, -7.5612, 14.7130$, and the grayscale version is $36.5084, -1.9480, 1.9836$.

A 20% lighter version of the original color is $56.1463, 4.0760, -14.3869$, and $19.4533, 4.0781, -12.8836$ is the 20% darker color. If you saturate the color by 10%, you get $31.8213, 7.7220, -21.6024$, and if you desaturate by 10%, it is $40.7039, 1.6670, -7.2124$.

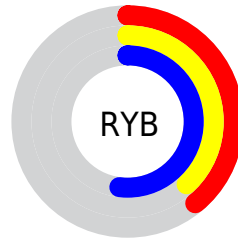
Distribution



Red (39%)

Green (38%)

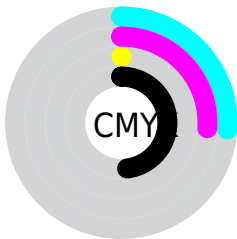
Blue (52%)



Red (39%)

Yellow (38%)

Blue (52%)

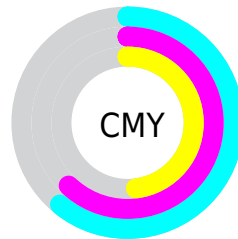


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (48%)



Cyan (61%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1683, 4.5500, -14.0097 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 36.1683, 4.5500, -14.0097 by changing the saturation by 10% instead.

■ 36.1683, 4.5500,
-14.0097

■ 36.1683, 4.5500,
-14.0097

■ 145.4106, 2.3311,
-14.8513

■ 27.3588, 4.4849,
-13.6046

■ 56.0812, 4.4425,
-14.6181

■ 19.4094, 4.3219,
-13.1497

■ 67.0759, 4.2903,
-14.8227

■ 12.4267, 4.0362,
-12.7024

■ 78.7080, 4.0813,
-14.9645

■ 5.6529, 6.3573,
-15.9214

■ 90.9440, 3.8205,
-15.0472

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.7557, 3.5120,
-15.0741

0.0000, NaN, NaN

■ 117.1182, 3.1591,

0.0000, NaN, NaN

-15.0486

0.0000, NaN, NaN

131.0096, 2.7647,
-14.9734

■ 36.1683, 4.5500,
-14.0097

■ 36.1683, 4.5500,
-14.0097

■ 31.8213, 7.7220,
-21.6024

■ 40.7039, 1.6670,
-7.2124

■ 27.7020, 11.2691,
-30.2266

■ 45.3964, -0.9939,
-1.0263

■ 23.8706, 15.2818,
-40.1405

■ 50.2249, -3.4855,
4.6917

■ 20.4136, 19.8161,
-51.5252

■ 55.1732, -5.8475,
10.0489

■ 17.4551, 24.7760,
-64.1855

■ 60.2287, -8.1099,
15.1260

■ 15.1571, 29.6826,
-76.9431

■ 65.3811, -10.2952,
19.9842

■ 13.6203, 33.7503,
-87.6132

■ 70.6225, -12.4208,
24.6702

■ 13.1072, 35.3662,
-91.6825

■ 75.9462, -14.4999,
29.2200

■ 81.3463, -16.5429,
33.6619

Harmonies

Analogous

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



36.1690, -3.4803, -15.7308



36.1683, 4.5500, -14.0097



36.1690, 11.3382, -7.6464

Triad

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



36.1690, 4.5495, -14.0089



36.1690, 7.4830, 11.8990



36.1690, -15.9418, 3.4231

Complementary

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



36.1683, 4.5500, -14.0097



47.5002, -7.5612, 14.7130

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.



36.1690, -13.5276, 9.5049



36.1683, 4.5500, -14.0097



36.1690, -0.3569, 13.6705

Square

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



36.1690, 4.5495, -14.0089



36.1690, 13.1318, 7.4363



36.1690, -7.9866, 12.8999



36.1690, -14.8735, -4.5131

Rectangle

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



36.1683, 4.5500, -14.0097



36.1690, 14.0124, -2.2415



36.1690, -7.9866, 12.8999



36.1690, -15.5177, 5.7268

Sweetspot

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



36.1690, 4.5495, -14.0089



59.5623, -0.6841, -2.8667



45.7233, -11.3892, -0.7996



27.8706, -0.1034, -1.8734



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



36.1690, 4.5495, -14.0089



44.6385, 8.7594, -25.1222



37.6139, 9.2285, -11.6394



21.3317, -0.1284, -1.3128



12.7946, 34.5180, -89.4590



0.7783, 2.0509, -5.0625

Inverse Universe

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



39.2280, 14.1932, -8.5741



49.8373, 24.6003, -15.1819



46.1480, -12.4821, 13.3710



21.8188, 1.5138, -0.5815



25.0297, 48.9169, -30.7471



1.4793, 2.9003, -1.8887

Previews

White Background



This preview shows how the HunterLab color 36.1683, 4.5500, -14.0097 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 36.1683, 4.5500, -14.0097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

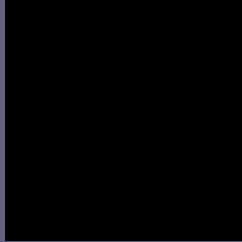
Any Text WCAG AA × Fail

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 36.1683, 4.5500, -14.0097 Background



This preview shows how black text looks on a background with the HunterLab color 36.1683, 4.5500, -14.0097.



This preview shows how white text looks on a background with the HunterLab color 36.1683, 4.5500, -14.0097.

-14.0097.

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

36.1683, 4.5500, -14.0097

Protanopia

36.2090, 2.0708, -14.5832

Deuteranopia

36.3146, 2.3495, -13.8116



Tritanopia

36.1406, -2.5691, -1.9763

Trichromacy



Original Color

36.1683, 4.5500, -14.0097

Protanomaly

36.1633, 3.2718, -14.6370

Deuteranomaly

36.1994, 3.3154, -13.9810

Tritanomaly

36.1969, -0.4818, -5.7784

Monochromacy



Original Color

36.1683, 4.5500, -14.0097

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.4230, -0.0247, -2.9879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1683, 4.5500, -14.0097 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(99, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(99, 98, 133)  
}
```

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(99, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 98, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1683, 4.5500, -14.0097 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(99, 98, 133) }
```


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

```
.border{ border-color:rgb(99, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(99, 98,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1683, 4.5500, -14.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 98, 133) }
```

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

```
.background{ background-color: rgb(99, 98,  
133) }
```

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