

Converting Colors

HunterLab(34.6910, -7.3112,
3.8639)

Have a look what the booklet for
HunterLab(34.6910, -7.3112, 3.8639)
contains.

| | |
|--|----|
| HunterLab(34.6574, -7.4376, 3.9039) | 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(34.6574, -7.4376,
3.9039)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 55655C |
| RGB | 85, 101, 92 |
| RGB Percent | 33%, 40%, 36% |
| CMY | 0.6667, 0.6039, 0.6392 |
| CMYK | 0.16, 0.00, 0.09, 0.60 |
| HSL | 146°, 9%, 36% |
| HSV | 146°, 16%, 40% |
| XYZ | 10.3318, 12.0114, 11.8991 |
| YIQ | 95.1900, -6.6470, -6.1910 |

Conversions

Conversions Part 2

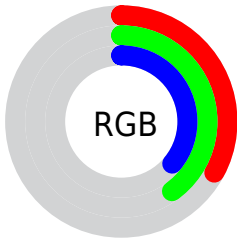
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 85, 96, 101 |
| Decimal | 5596508 |
| CIE _{Lab} | 41.23, -8.08, 3.06 |
| CIE _{LCh} | 41, 8.636, 159.243 |
| Yxy | 12.0119, 0.3017, 0.3508 |
| Android (android.graphics.Color) | 4283786588 (0xFF55655C) |
| YUV | 95.1900, -1.5727, -8.9366 |
| Hunter-Lab | 34.6574, -7.4376, 3.9039 |

Details

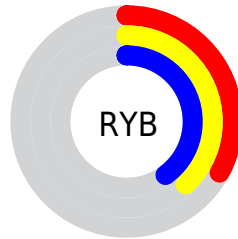
The HunterLab color $[34.6574, -7.4376, 3.9039]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[31.7367, 4.2828, -0.1536]$, and the grayscale version is $[33.9071, -1.8092, 1.8422]$.

A 20% lighter version of the original color is $[54.3694, -9.4499, 5.4295]$, and $[18.1293, -5.2664, 2.6258]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.8773, -10.5975, 5.1629]$, and if you desaturate by 10%, it is $[35.5274, -4.0250, 2.6682]$.

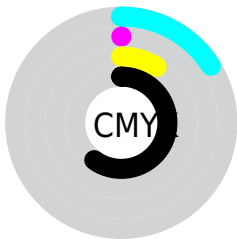
Distribution



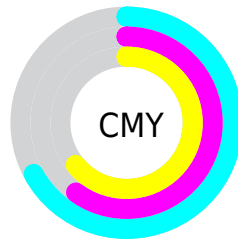
- Red (33%)
- Green (40%)
- Blue (36%)



- Red (33%)
- Yellow (38%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6574, -7.4376, 3.9039 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 34.6574, -7.4376, 3.9039 by changing the saturation by 10% instead.

■ 34.6574, -7.4376,
3.9039

■ 34.6574, -7.4376,
3.9039

142.9978,
-16.7813, 11.0826

■ 25.9841, -6.4280,
3.2354

■ 54.3293, -9.4479,
5.3204

■ 18.1861, -5.3982,
2.5902

■ 65.2152, -10.4597,
6.0680

■ 11.3764, -4.3230,
1.9637

■ 76.7444, -11.4809,
6.8415

■ 3.6975, -6.4707,
2.5883

■ 88.8828, -12.5136,
7.6407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.6012,
-13.5591, 8.4649

0.0000, NaN, NaN

114.8743,

0.0000, NaN, NaN

-14.6185, 9.3137

0.0000, NaN, NaN

128.6797,
-15.6924, 10.1864

■ 34.6574, -7.4376,
3.9039

■ 34.6574, -7.4376,
3.9039

■ 33.8773, -10.5975,
5.1629

■ 35.5274, -4.0250,
2.6682

■ 33.1865, -13.4748,
6.4330

■ 36.4827, -0.3870,
1.4636

■ 32.5868, -16.0453,
7.7022

■ 37.5210, 3.4466,
0.2978

■ 32.0776, -18.2894,
8.9570

■ 38.6389, 7.4475,
-0.8234

■ 31.6575, -20.1939,
10.1832

■ 39.8328, 11.5898,
-1.8961

■ 31.3233, -21.7547,
11.3663

■ 41.0988, 15.8495,
-2.9180

■ 31.0702, -22.9781,
12.4921

■ 42.4333, 20.2056,
-3.8876

■ 30.8812, -23.9247,
13.5385

■ 43.8323, 24.6400,
-4.8049

■ 30.8075, -24.2942,
13.9374

■ 45.2923, 29.1368,
-5.6705

Harmonies

Analogous

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



34.6581, -5.6716, 6.1344



34.6574, -7.4376, 3.9039



34.6581, -7.7377, 0.9297

Triad

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



34.6581, -7.4383, 3.9044



34.6581, -0.8537, -4.4264



34.6581, 3.0619, 5.4006

Complementary

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



34.6574, -7.4376, 3.9039



31.7367, 4.2828, -0.1536

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.



34.6581, 4.4566, 2.8169



34.6574, -7.4376, 3.9039



34.6581, 2.1423, -2.9780

Square

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



34.6581, -7.4383, 3.9044



34.6581, -4.0125, -4.0679



34.6581, 4.1140, -0.2604



34.6581, 0.3645, 6.9420

Rectangle

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



34.6574, -7.4376, 3.9039



34.6581, -7.0761, -1.1074



34.6581, 4.1140, -0.2604



34.6581, 3.7030, 4.6352

Sweetspot

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



34.6581, -7.4383, 3.9044



46.6332, -4.9479, 3.3836



35.1383, -6.0358, 7.0446



23.1020, -2.5694, 1.7180



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



34.6581, -7.4383, 3.9044



45.0188, -11.3137, 5.7213



34.8683, -6.2566, 0.9030



17.7782, -2.5747, 1.5368



35.2655, -27.8916, 16.1312



80.4321, -64.3543, 38.3894

Inverse Universe

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



31.7367, 4.2828, -0.1536



40.3239, 7.5380, -0.7939



31.5229, 3.1483, 2.8933



16.9405, 0.7831, 0.3718



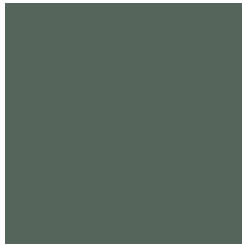
20.0110, 36.1508, -1.6534



45.5049, 81.8522, -1.0109

Previews

White Background



This preview shows how the HunterLab color 34.6574, -7.4376, 3.9039 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 34.6574, -7.4376, 3.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

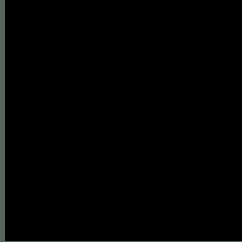
Any Text WCAG AA × Fail

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 34.6574, -7.4376, 3.9039 Background



This preview shows how black text looks on a background with the HunterLab color 34.6574, -7.4376, 3.9039.



This preview shows how white text looks on a background with the HunterLab color 34.6574, -7.4376, 3.9039.

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

34.6574, -7.4376, 3.9039

Protanopia

34.7193, -1.7014, 4.8457

Deuteranopia

34.6177, 2.1344, 3.6320



Tritanopia

34.7274, -3.5120, -2.4110

Trichromacy



Original Color

34.6574, -7.4376, 3.9039

Protanomaly

34.5306, -3.6933, 4.2186

Deuteranomaly

34.7117, -1.5775, 3.6729

Tritanomaly

34.7849, -5.0120, -0.0793

Monochromacy



Original Color

34.6574, -7.4376, 3.9039

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.0319, -3.9083, 2.4526

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6574, -7.4376, 3.9039 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(85, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(85, 101, 92)  
}
```

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(85, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 101, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6574, -7.4376, 3.9039 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(85, 101, 92) }
```


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

```
.border{ border-color:rgb(85, 101, 92) }
```

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

Here you see how a box with a 4 pixel rgb(85, 101, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(85, 101,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6574, -7.4376, 3.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 101, 92) }
```

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

```
.background{ background-color: rgb(85, 101,  
92) }
```

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