

Converting Colors

HunterLab(33.5010, -6.4104,
7.6115)

Have a look what the booklet for
HunterLab(33.5010, -6.4104, 7.6115)
contains.

| | |
|--|----|
| HunterLab(33.5012, -6.5726, 7.7721) | 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(33.5012, -6.5726,
7.7721)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 59614E |
| RGB | 89, 97, 78 |
| RGB Percent | 35%, 38%, 31% |
| CMY | 0.6510, 0.6196, 0.6941 |
| CMYK | 0.08, 0.00, 0.20, 0.62 |
| HSL | 85°, 11%, 34% |
| HSV | 85°, 20%, 38% |
| XYZ | 9.7697, 11.2233, 8.8591 |
| YIQ | 92.4420, 1.3310, -7.6050 |

Conversions

Conversions Part 2

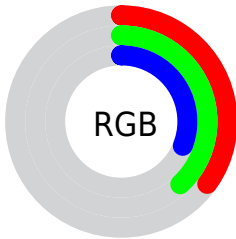
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 78, 97, 86 |
| Decimal | 5857614 |
| CIE Lab | 39.95, -6.97, 9.81 |
| CIE LCh | 40, 12.031, 125.381 |
| Yxy | 11.2238, 0.3273, 0.3760 |
| Android (android.graphics.Color) | 4284047694 (0xFF59614E) |
| YUV | 92.4420, -7.1199, -3.0186 |
| Hunter-Lab | 33.5012, -6.5726, 7.7721 |

Details

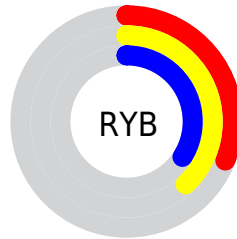
The HunterLab color **33.5012, -6.5726, 7.7721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28.7933, 3.6714, -5.4822**, and the grayscale version is **32.9040, -1.7557, 1.7877**.

A 20% lighter version of the original color is **53.1047, -8.6721, 10.1537**, and **17.3111, -4.8376, 5.3991** is the 20% darker color. If you saturate the color by 10%, you get **33.0125, -8.7506, 10.2804**, and if you desaturate by 10%, it is **34.0310, -4.2337, 4.9233**.

Distribution



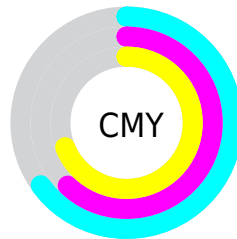
- Red (35%)
- Green (38%)
- Blue (31%)



- Red (31%)
- Yellow (38%)
- Blue (34%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (62%)



- Cyan (65%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5012, -6.5726, 7.7721 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 33.5012, -6.5726, 7.7721 by changing the saturation by 10% instead.

■ 33.5012, -6.5726,
7.7721

■ 33.5012, -6.5726,
7.7721

141.1370,
-15.4046, 17.9270

■ 24.9351, -5.6399,
6.6261

■ 52.9842, -8.4467,
10.0088

■ 17.2564, -4.6947,
5.4348

■ 63.7850, -9.3968,
11.1191

■ 10.5838, -3.7150,
4.5282

■ 75.2339, -10.3596,
12.2320

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.2960, -11.3368,
13.3509

0.0000, NaN, NaN

■ 99.9416, -12.3293,
14.4784

0.0000, NaN, NaN

113.1450,

0.0000, NaN, NaN

-13.3378, 15.6161

0.0000, NaN, NaN

126.8835,
-14.3628, 16.7653

■ 33.5012, -6.5726,
7.7721

■ 33.5012, -6.5726,
7.7721

■ 33.0125, -8.7506,
10.2804

■ 34.0310, -4.2337,
4.9233

■ 32.5628, -10.7583,
12.4414

■ 34.5994, -1.7394,
1.7413

■ 32.1527, -12.5910,
14.2541

■ 35.2065, 0.9006,
-1.7625

■ 31.7819, -14.2453,
15.7212

■ 35.8517, 3.6768,
-5.5751

■ 31.4497, -15.7199,
16.8510

■ 36.5341, 6.5797,
-9.6822

■ 31.1547, -17.0165,
17.6578

■ 37.2529, 9.5995,
-14.0682

■ 30.8955, -18.1403,
18.1636

■ 38.0071, 12.7267,
-18.7175

■ 30.6607, -19.1561,
18.5355

■ 38.7956, 15.9519,
-23.6138

■ 30.6513, -19.1969,
18.5511

■ 39.6172, 19.2664,
-28.7413

Harmonies

Analogous

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



33.5019, -2.5833, 8.9204



33.5012, -6.5726, 7.7721



33.5019, -9.1766, 5.0222

Triad

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



33.5019, -6.5734, 7.7725



33.5019, -5.2595, -6.3976



33.5019, 7.1063, 2.5736

Complementary

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



33.5012, -6.5726, 7.7721



28.7933, 3.6714, -5.4822

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.



33.5019, 6.2991, -1.7252



33.5012, -6.5726, 7.7721



33.5019, -0.9879, -7.2735

Square

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



33.5019, -6.5734, 7.7725



33.5019, -8.4460, -3.2078



33.5019, 3.2792, -5.4668



33.5019, 5.4313, 6.1784

Rectangle

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



33.5012, -6.5726, 7.7721



33.5019, -9.8529, 2.4686



33.5019, 3.2792, -5.4668



33.5019, 7.1172, 1.1655

Sweetspot

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



33.5019, -6.5734, 7.7725



44.8019, -4.4499, 5.0715



31.1995, 0.4761, 5.5359



22.3100, -2.2806, 2.6072



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.5019, -6.5734, 7.7725



43.5270, -10.0894, 11.9096



32.8441, -8.9808, 7.0695



17.0886, -2.0369, 2.3611



35.7137, -22.5493, 21.6118



82.2265, -53.4179, 49.7324

Inverse Universe

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



28.7933, 3.6714, -5.4822



35.8043, 6.7492, -9.9204



29.6098, 6.3280, -4.2904



16.0058, 0.3129, -0.6714



13.3588, 31.6677, -59.5086



30.0612, 72.3490, -142.3430

Previews

White Background



This preview shows how the HunterLab color 33.5012, -6.5726, 7.7721 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 33.5012, -6.5726, 7.7721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

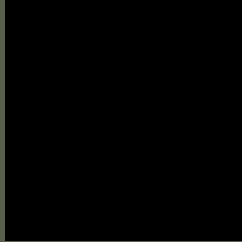
Any Text WCAG AA × Fail

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 33.5012, -6.5726, 7.7721 Background



This preview shows how black text looks on a background with the HunterLab color 33.5012, -6.5726, 7.7721.

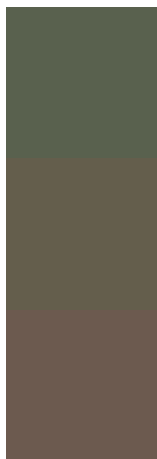


This preview shows how white text looks on a background with the HunterLab color 33.5012, -6.5726, 7.7721.

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

33.5012, -6.5726, 7.7721

Protanopia

33.5209, -2.4147, 8.5194

Deuteranopia

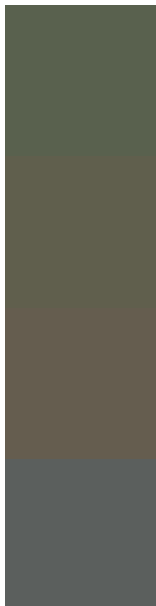
33.2641, 2.1667, 7.3504



Tritanopia

33.4967, -1.2523, -1.1738

Trichromacy



Original Color

33.5012, -6.5726, 7.7721

Protanomaly

33.4769, -3.9012, 8.1250

Deuteranomaly

33.4065, -1.3285, 7.4332

Tritanomaly

33.4647, -3.1839, 2.2173

Monochromacy



Original Color

33.5012, -6.5726, 7.7721

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.0419, -3.5990, 4.1176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5012, -6.5726, 7.7721 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(89, 97, 78)` looks like.

```
.text, #text, p{  
    color:rgb(89, 97, 78)  
}
```

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(89, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 97, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5012, -6.5726, 7.7721 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(89, 97, 78) }
```


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

```
.border{ border-color:rgb(89, 97, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 97, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(89, 97, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5012, -6.5726, 7.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 97, 78) }
```

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

```
.background{ background-color: rgb(89, 97,  
78) }
```

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