

Converting Colors

HunterLab(38.6346, -7.4248,
7.7827)

Have a look what the booklet for
HunterLab(38.6346, -7.4248, 7.7827)
contains.

HunterLab(38.6340, -7.4210, 7.7834)	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(38.6340, -7.4210,
7.7834)

Conversions

Conversions Part 1

Format	Color
Hex	656F5D
RGB	101, 111, 93
RGB Percent	40%, 44%, 36%
CMY	0.6039, 0.5647, 0.6353
CMYK	0.09, 0.00, 0.16, 0.56
HSL	93°, 9%, 40%
HSV	93°, 16%, 44%
XYZ	13.0270, 14.9259, 12.5503
YIQ	105.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

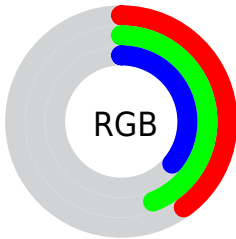
Format	Color
RYB	93, 111, 103
Decimal	6647645
CIELab	45.53, -7.43, 8.76
CIElCh	46, 11.487, 130.325
Yxy	14.9265, 0.3216, 0.3685
Android (android.graphics.Color)	4284837725 (0xFF656F5D)
YUV	105.9580, -6.3883, -4.3482
Hunter-Lab	38.6340, -7.4210, 7.7834

Details

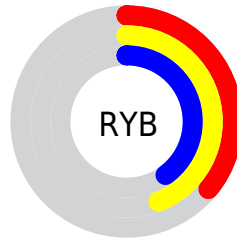
The HunterLab color $38.6340, -7.4210, 7.7834$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $34.4389, 3.8868, -4.6032$, and the grayscale version is $37.9725, -2.0261, 2.0631$.

A 20% lighter version of the original color is $59.0364, -9.5712, 10.1122$, and $21.3179, -5.3881, 5.5620$ is the 20% darker color. If you saturate the color by 10%, you get $37.9488, -10.4084, 10.7608$, and if you desaturate by 10%, it is $39.3792, -4.2199, 4.4322$.

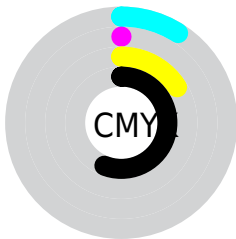
Distribution



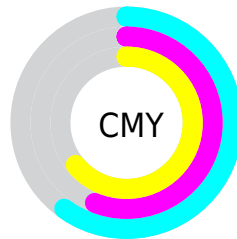
- Red (40%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (40%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (56%)



- Cyan (60%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6340, -7.4210, 7.7834 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 38.6340, -7.4210, 7.7834 by changing the saturation by 10% instead.

■ 38.6340, -7.4210,
7.7834

■ 38.6340, -7.4210,
7.7834

149.3054,
-16.5254, 17.4988

■ 29.6105, -6.4583,
6.7255

■ 58.9272, -9.3583,
9.8839

■ 21.4244, -5.4869,
5.6455

■ 70.0942, -10.3399,
10.9386

■ 14.1732, -4.4906,
4.5192

■ 81.8891, -11.3339,
12.0015

■ 7.8267, -4.5567,
5.0644

■ 94.2801, -12.3416,
13.0748

0.0000, NaN, NaN

0.0000, NaN, NaN

107.2399,
-13.3640, 14.1603

0.0000, NaN, NaN

120.7444,

0.0000, NaN, NaN

-14.4019, 15.2589

0.0000, NaN, NaN

134.7725,
-15.4556, 16.3716

■ 38.6340, -7.4210,
7.7834

■ 38.6340, -7.4210,
7.7834

■ 37.9488, -10.4084,
10.7608

■ 39.3792, -4.2199,
4.4322

■ 37.3218, -13.1650,
13.3502

■ 40.1807, -0.8183,
0.7217

■ 36.7543, -15.6787,
15.5441

■ 41.0381, 2.7667,
-3.3293

■ 36.2462, -17.9396,
17.3397

■ 41.9497, 6.5186,
-7.7005

■ 35.7971, -19.9407,
18.7414

■ 42.9139, 10.4212,
-12.3711

■ 35.4057, -21.6795,
19.7613

■ 43.9288, 14.4590,
-17.3198

■ 35.0702, -23.1587,
20.4216

■ 44.9926, 18.6172,
-22.5255

■ 34.7846, -24.4059,
20.8014

■ 46.1033, 22.8821,
-27.9678

■ 34.6851, -24.8439,
20.9379

■ 47.2590, 27.2412,
-33.6272

Harmonies

Analogous

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



38.6348, -3.5781, 9.2547



38.6340, -7.4210, 7.7834



38.6348, -9.7605, 4.7326

Triad

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



38.6348, -7.4219, 7.7839



38.6348, -4.8895, -6.3301



38.6348, 6.6775, 3.5271

Complementary

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



38.6340, -7.4210, 7.7834



34.4389, 3.8868, -4.6032

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.



38.6348, 6.2876, -0.7255



38.6340, -7.4210, 7.7834



38.6348, -0.5252, -6.7469

Square

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



38.6348, -7.4219, 7.7839



38.6348, -8.3446, -3.5158



38.6348, 3.6038, -4.5977



38.6348, 4.6464, 6.9871

Rectangle

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



38.6340, -7.4210, 7.7834



38.6348, -10.2167, 2.0571



38.6348, 3.6038, -4.5977



38.6348, 6.8274, 2.1489

Sweetspot

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



38.6348, -7.4219, 7.7839



52.8066, -5.1671, 5.4167



37.2169, -0.9938, 6.4172



25.8553, -2.6512, 2.7822



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



38.6348, -7.4219, 7.7839



51.3866, -11.2831, 11.7867



38.0828, -9.3917, 6.8516



19.5679, -2.5656, 2.7006



37.6308, -27.0513, 22.7144



83.6931, -61.6038, 50.4928

Inverse Universe

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



34.4389, 3.8868, -4.6032



44.6567, 6.8709, -8.1167



35.1234, 6.0767, -3.2020



18.3937, 0.5949, -0.7568



15.9102, 35.7468, -55.6107



34.7738, 78.9245, -127.7085

Previews

White Background



This preview shows how the HunterLab color 38.6340, -7.4210, 7.7834 looks on a white background.

Color Contrast Check

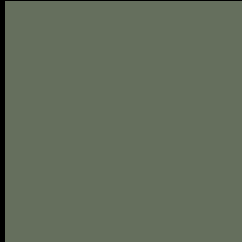
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6340, -7.4210, 7.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

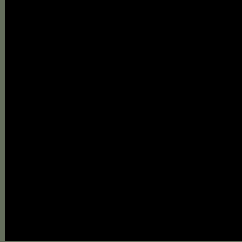
Any Text WCAG AA × Fail

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 38.6340, -7.4210, 7.7834 Background



This preview shows how black text looks on a background with the HunterLab color 38.6340, -7.4210, 7.7834.



This preview shows how white text looks on a background with the HunterLab color 38.6340, -7.4210,

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

38.6340, -7.4210, 7.7834

Protanopia

38.4466, -2.4863, 8.3837

Deuteranopia

38.6261, 2.3655, 7.5877



Tritanopia

38.7161, -1.6357, -1.4754

Trichromacy



Original Color

38.6340, -7.4210, 7.7834

Protanomaly

38.4045, -3.9918, 7.9632

Deuteranomaly

38.6890, -1.5067, 7.5852

Tritanomaly

38.6821, -3.6239, 2.0266

Monochromacy



Original Color

38.6340, -7.4210, 7.7834

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.2201, -4.2075, 4.3782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6340, -7.4210, 7.7834 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(101, 111, 93)` looks like.

```
.text, #text, p{  
    color:rgb(101, 111, 93)  
}
```

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(101, 111, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 111, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6340, -7.4210, 7.7834 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(101, 111, 93) }
```


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

```
.border{ border-color:rgb(101, 111, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 111, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 111, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 111, 93);  
box-shadow:4px 4px 4px 4px rgb(101, 111,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6340, -7.4210, 7.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 111, 93) }
```

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

```
.background{ background-color: rgb(101,  
111, 93) }
```

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