

Converting Colors

HunterLab(50.6296, -6.2508,
7.2403)

Have a look what the booklet for
HunterLab(50.6296, -6.2508, 7.2403)
contains.

HunterLab(50.7535, -6.4757, 7.3037)	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(50.7535, -6.4757,
7.3037)**

Conversions

Conversions Part 1

Format	Color
Hex	878D80
RGB	135, 141, 128
RGB Percent	53%, 55%, 50%
CMY	0.4706, 0.4470, 0.4980
CMYK	0.04, 0.00, 0.09, 0.45
HSL	88°, 5%, 53%
HSV	88°, 9%, 55%
XYZ	23.4128, 25.7592, 24.1601
YIQ	137.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

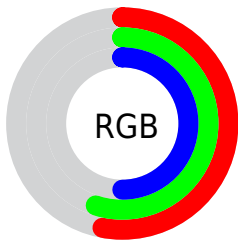
Format	Color
R_{YB}	128, 141, 134
Decimal	8883584
CIE _{Lab}	57.81, -4.71, 6.17
CIE _{LCh}	58, 7.764, 127.321
Yxy	25.7603, 0.3193, 0.3513
Android (android.graphics.Color)	4287073664 (0xFF878D80)
YUV	137.7240, -4.7939, -2.3889
Hunter-Lab	50.7535, -6.4757, 7.3037

Details

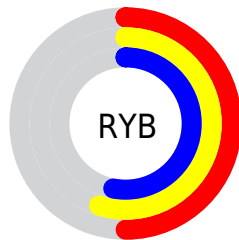
The HunterLab color $50.7535, -6.4757, 7.3037$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $47.3609, 1.3899, -2.3403$, and the grayscale version is $50.3230, -2.6851, 2.7341$.

A 20% lighter version of the original color is $72.8408, -8.3877, 9.1539$, and $31.5879, -4.9934, 5.4926$ is the 20% darker color. If you saturate the color by 10%, you get $49.8907, -10.2669, 11.6790$, and if you desaturate by 10%, it is $51.6860, -2.4298, 2.4041$.

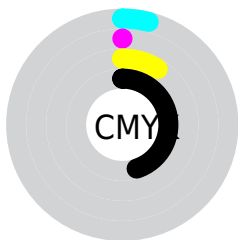
Distribution



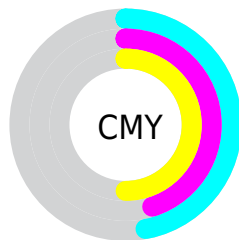
- Red (53%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7535, -6.4757, 7.3037 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 50.7535, -6.4757, 7.3037 by changing the saturation by 10% instead.

■ 50.7535, -6.4757,
7.3037

■ 50.7535, -6.4757,
7.3037

167.8104,
-14.6194, 16.0854

■ 40.7975, -5.6725,
6.4110

■ 72.7241, -8.1435,
9.1328

■ 31.5932, -4.8853,
5.5269

■ 84.6573, -9.0072,
10.0714

■ 23.2089, -4.1116,
4.6456

■ 97.1800, -9.8915,
11.0277

■ 15.7347, -3.3447,
3.7546

110.2657,
-10.7964, 12.0022

■ 9.2978, -2.7027,
3.2589

123.8911,
-11.7218, 12.9951

0.0000, NaN, NaN

138.0357,

0.0000, NaN, NaN

-12.6676, 14.0066

0.0000, NaN, NaN

152.6810,
-13.6336, 15.0367

0.0000, NaN, NaN

■ 50.7535, -6.4757,
7.3037

■ 50.7535, -6.4757,
7.3037

■ 49.8907, -10.2669,
11.6790

■ 51.6860, -2.4298,
2.4041

■ 49.0951, -13.7842,
15.5117

■ 52.6837, 1.8573,
-3.0015

■ 48.3681, -17.0150,
18.7917

■ 53.7463, 6.3666,
-8.8887

■ 47.7098, -19.9485,
21.5151

■ 54.8722, 11.0802,
-15.2318

■ 47.1195, -22.5772,
23.6863

■ 56.0595, 15.9802,
-22.0036

■ 46.5960, -24.8983,
25.3191

■ 57.3064, 21.0493,
-29.1765

■ 46.1371, -26.9143,
26.4395

■ 58.6107, 26.2709,
-36.7229

■ 45.7399, -28.6350,
27.0879

■ 59.9705, 31.6296,
-44.6158

■ 45.3946, -30.1118,
27.4036

■ 61.3837, 37.1106,
-52.8289

Harmonies

Analogous

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



50.7546, -3.5118, 8.3584



50.7535, -6.4757, 7.3037



50.7546, -8.3979, 5.0211

Triad

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



50.7546, -6.4769, 7.3044



50.7546, -5.1189, -3.0883



50.7546, 3.6949, 3.5210

Complementary

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



50.7535, -6.4757, 7.3037



47.3609, 1.3899, -2.3403

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.



50.7546, 3.2382, 0.3955



50.7535, -6.4757, 7.3037



50.7546, -1.9050, -3.5530

Square

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



50.7546, -6.4769, 7.3044



50.7546, -7.6279, -1.0095



50.7546, 1.1683, -2.2418



50.7546, 2.4008, 6.2659

Rectangle

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



50.7535, -6.4757, 7.3037



50.7546, -8.8562, 3.0422



50.7546, 1.1683, -2.2418



50.7546, 3.7416, 2.4816

Sweetspot

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



50.7546, -6.4769, 7.3044



68.6759, -5.3721, 5.8188



49.2249, -1.3405, 5.7104



32.4119, -2.7320, 2.9846



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



50.7546, -6.4769, 7.3044



67.6789, -9.7174, 11.0114



50.2486, -8.2840, 6.7207



24.8261, -3.1618, 3.5655



43.3322, -28.8128, 26.1967



4.3891, -2.2076, 2.6659

Inverse Universe

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



47.3609, 1.3899, -2.3403



62.1573, 3.0861, -4.6911



47.9250, 3.2943, -1.5880



23.1718, 0.6728, -1.1358



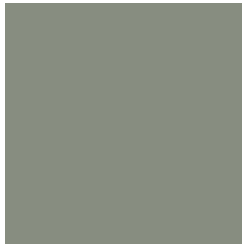
16.7046, 39.1039, -70.5751



1.9888, 4.2489, -5.2489

Previews

White Background



This preview shows how the HunterLab color 50.7535, -6.4757, 7.3037 looks on a white background.

Color Contrast Check

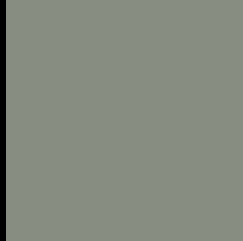
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.7535, -6.4757, 7.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

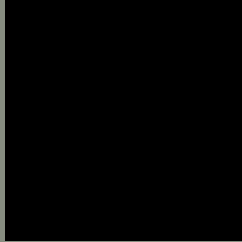
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

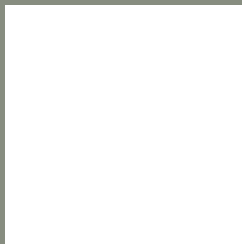
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.7535, -6.4757, 7.3037 Background



This preview shows how black text looks on a background with the HunterLab color 50.7535, -6.4757, 7.3037.



This preview shows how white text looks on a background with the HunterLab color 50.7535, -6.4757,

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

50.7535, -6.4757, 7.3037

Protanopia

50.6345, -2.5205, 7.6457

Deuteranopia

50.6982, 3.5164, 7.0130



Tritanopia

50.7446, -0.8820, -1.9689

Trichromacy



Original Color

50.7535, -6.4757, 7.3037

Protanomaly

50.6560, -3.9087, 7.6446

Deuteranomaly

50.7663, -0.5134, 7.0170

Tritanomaly

50.7018, -2.9776, 1.7223

Monochromacy



Original Color

50.7535, -6.4757, 7.3037

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.5023, -4.0736, 4.5691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7535, -6.4757, 7.3037 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(135, 141, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 128)  
}
```

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(135, 141, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7535, -6.4757, 7.3037 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(135, 141, 128) }
```


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

```
.border{ border-color:rgb(135, 141, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7535, -6.4757, 7.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 128) }
```

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

```
.background{ background-color: rgb(135,  
141, 128) }
```

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