

Converting Colors

HunterLab(38.0187, -2.0286,
2.0656)

Have a look what the booklet for
HunterLab(38.0187, -2.0286, 2.0656)
contains.

HunterLab(37.9643, -2.0257, 2.0627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(37.9643, -2.0257,
2.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6A6A
RGB	106, 106, 106
RGB Percent	42%, 42%, 42%
CMY	0.5843, 0.5843, 0.5843
CMYK	0.00, 0.00, 0.00, 0.58
HSL	120°, 0%, 42%
HSV	120°, 0%, 42%
XYZ	13.6994, 14.4129, 15.6956
YIQ	106.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	106, 106, 106
Decimal	6974058
CIE Lab	44.82, 0.00, -0.00
CIE LCh	45, 0.005, 288.911
Yxy	14.4135, 0.3127, 0.3290
Android (android.graphics.Color)	4285164138 (0xFF6A6A6A)
YUV	106.0000, 0.0000, 0.0000
Hunter-Lab	37.9643, -2.0257, 2.0627

Details

The HunterLab color $[37.9643, -2.0257, 2.0627]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37.9648, -2.0248, 2.0621]$, and the grayscale version is $[37.9650, -2.0257, 2.0627]$.

A 20% lighter version of the original color is $[58.0658, -3.0982, 3.1548]$, and $[20.9129, -1.1159, 1.1362]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.8738, -6.4413, 5.0467]$, and if you desaturate by 10%, it is $[39.1634, 2.6753, -1.1137]$.

Distribution



Red (42%)

Green (42%)

Blue (42%)



Red (42%)

Yellow (42%)

Blue (42%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9643, -2.0257, 2.0627 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 37.9643, -2.0257, 2.0627 by changing the saturation by 10% instead.

■ 37.9643, -2.0257,
2.0627

■ 37.9643, -2.0257,
2.0627

■ 148.2526, -7.9165,
8.0647

■ 28.9980, -1.5477,
1.5755

■ 58.1558, -3.1048,
3.1618

■ 20.8750, -1.1140,
1.1336

■ 69.2766, -3.6987,
3.7670

■ 13.6951, -0.7306,
0.7432

■ 81.0278, -4.3263,
4.4064

■ 7.3050, -0.3892,
0.3950

■ 93.3773, -4.9858,
5.0784

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2973, -5.6758,
5.7815

0.0000, NaN, NaN

■ 119.7637, -6.3950,

0.0000, NaN, NaN

133.7551, -7.1422,
7.2757

■ 37.9643, -2.0257,
2.0627

■ 37.9643, -2.0257,
2.0627

■ 36.8738, -6.4413,
5.0467

■ 39.1634, 2.6753,
-1.1137

■ 35.8938, -10.5233,
7.8057

■ 40.4638, 7.6204,
-4.4544

■ 35.0285, -14.2276,
10.3097

■ 41.8609, 12.7682,
-7.9314

■ 34.2803, -17.5126,
12.5304

■ 43.3493, 18.0822,
-11.5199

■ 33.6497, -20.3433,
14.4442

■ 44.9236, 23.5304,
-15.1983

■ 33.1359, -22.6950,
16.0341

■ 46.5782, 29.0855,
-18.9481

■ 32.7355, -24.5565,
17.2924

■ 48.3082, 34.7249,
-22.7538

■ 32.4430, -25.9332,
18.2229

■ 50.1086, 40.4296,
-26.6029

■ 32.2499, -26.8499,
18.8423

■ 51.9747, 46.1843,
-30.4849

Harmonies

Analogous

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



37.9651, -2.0284, 2.0632



37.9643, -2.0257, 2.0627



37.9651, -2.0250, 2.0643

Triad

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



37.9651, -2.0266, 2.0633



37.9651, -2.0254, 2.0691



37.9651, -2.0313, 2.0672

Complementary

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



37.9643, -2.0257, 2.0627



37.9648, -2.0248, 2.0621

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.



37.9651, -2.0305, 2.0688



37.9643, -2.0257, 2.0627



37.9651, -2.0271, 2.0699

Square

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



37.9651, -2.0266, 2.0633



37.9651, -2.0244, 2.0677



37.9651, -2.0289, 2.0698



37.9651, -2.0312, 2.0654

Rectangle

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



37.9643, -2.0257, 2.0627



37.9651, -2.0244, 2.0653



37.9651, -2.0289, 2.0698



37.9651, -2.0311, 2.0678

Sweetspot

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



37.9651, -2.0266, 2.0633



50.2941, -2.6836, 2.7326



37.9653, -2.0260, 2.0635



24.3420, -1.2988, 1.3225



74.4461, -3.9723, 4.0448

Same Dimension

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



37.9651, -2.0266, 2.0633



50.2941, -2.6836, 2.7326



37.9651, -2.0264, 2.0629



19.0543, -1.0167, 1.0353



35.7671, -30.6685, 21.5026



80.7369, -69.2301, 48.5377

Inverse Universe

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



37.9648, -2.0248, 2.0621



50.2941, -2.6836, 2.7326



37.9648, -2.0250, 2.0625



19.0543, -1.0167, 1.0353



22.5641, 44.3649, -29.7848



50.9333, 100.1440, -67.2355

Previews

White Background



This preview shows how the HunterLab color 37.9643, -2.0257, 2.0627 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 37.9643, -2.0257, 2.0627 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

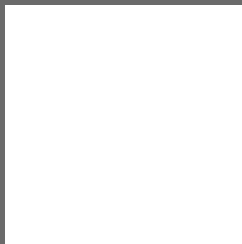
Any Text WCAG AAA × Fail

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

HunterLab 37.9643, -2.0257, 2.0627 Background



This preview shows how black text looks on a background with the HunterLab color 37.9643, -2.0257, 2.0627.



This preview shows how white text looks on a background with the HunterLab color 37.9643, -2.0257, 2.0627.

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

37.9643, -2.0257, 2.0627

Protanopia

37.8575, -1.0064, 1.9547

Deuteranopia

38.0461, 2.4178, 1.8093



Tritanopia

37.9753, -0.2013, -0.9949

Trichromacy



Original Color

37.9643, -2.0257, 2.0627

Protanomaly

37.7751, -1.2913, 1.8523

Deuteranomaly

37.9564, 0.7610, 1.6739

Tritanomaly

37.8876, -0.6776, 0.2493

Monochromacy



Original Color

37.9643, -2.0257, 2.0627

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.9643, -2.0257, 2.0627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9643, -2.0257, 2.0627 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(106, 106, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 106, 106)  
}
```

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(106, 106, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 106, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9643, -2.0257, 2.0627 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(106, 106, 106) }
```

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

```
.border{ border-color:rgb(106, 106, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 106, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 106, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 106, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 106,  
106) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.9643, -2.0257, 2.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 106, 106) }
```

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

```
.background{ background-color: rgb(106,  
106, 106) }
```

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