

Converting Colors

HunterLab(47.3426, -3.8019,
2.8094)

Have a look what the booklet for
HunterLab(47.3426, -3.8019, 2.8094)
contains.

HunterLab(47.3640, -3.5651, 2.6863)	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(47.3640, -3.5651,
2.6863)**

Conversions

Conversions Part 1

Format	Color
Hex	808382
RGB	128, 131, 130
RGB Percent	50%, 51%, 51%
CMY	0.4980, 0.4863, 0.4902
CMYK	0.02, 0.00, 0.01, 0.49
HSL	160°, 1%, 51%
HSV	160°, 2%, 51%
XYZ	21.0476, 22.4335, 24.3399
YIQ	129.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

Format	Color
R_{YB}	128, 130, 131
Decimal	8422274
CIE _{Lab}	54.48, -1.31, 0.14
CIE _{LCh}	54, 1.320, 173.719
Yxy	22.4344, 0.3103, 0.3308
Android (android.graphics.Color)	4286612354 (0xFF808382)
YUV	129.9890, 0.0054, -1.7444
Hunter-Lab	47.3640, -3.5651, 2.6863

Details

The HunterLab color $47.3640, -3.5651, 2.6863$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $46.7431, -1.4445, 2.4325$, and the grayscale version is $47.2439, -2.5208, 2.5669$.

A 20% lighter version of the original color is $68.9374, -4.7851, 3.8648$, and $28.7940, -2.4885, 1.6698$ is the 20% darker color. If you saturate the color by 10%, you get $46.2259, -7.8524, 3.1908$, and if you desaturate by 10%, it is $48.6176, 1.0074, 2.3032$.

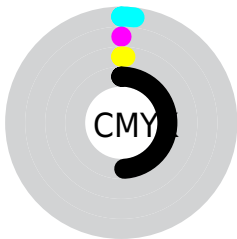
Distribution



- Red (50%)
- Green (51%)
- Blue (51%)



- Red (50%)
- Yellow (51%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3640, -3.5651, 2.6863 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 47.3640, -3.5651, 2.6863 by changing the saturation by 10% instead.

■ 47.3640, -3.5651,
2.6863

■ 47.3640, -3.5651,
2.6863

162.7288,
-10.2591, 9.0221

■ 37.6517, -2.9704,
2.1503

■ 68.8934, -4.8550,
3.8734

■ 28.7115, -2.4091,
1.6549

■ 80.6240, -5.5452,
4.5186

■ 20.6183, -1.8842,
1.2047

■ 92.9539, -6.2643,
5.1961

■ 13.4723, -1.3973,
0.8048

105.8552, -7.0112,
5.9044

■ 7.0464, -1.1875,
0.4685

119.3036, -7.7850,
6.6422

0.0000, NaN, NaN

133.2778, -8.5848,

0.0000, NaN, NaN

7.4084

0.0000, NaN, NaN

147.7586, -9.4097,
8.2020

0.0000, NaN, NaN

■ 47.3640, -3.5651,
2.6863

■ 47.3640, -3.5651,
2.6863

■ 46.2259, -7.8524,
3.1908

■ 48.6176, 1.0074,
2.3032

■ 45.2032, -11.8158,
3.8133

■ 49.9800, 5.8326,
2.0382

■ 44.2990, -15.4228,
4.5508

■ 51.4477, 10.8745,
1.8893

■ 43.5142, -18.6442,
5.3972

■ 53.0162, 16.1007,
1.8524

■ 42.8479, -21.4570,
6.3432

■ 54.6806, 21.4815,
1.9223

■ 42.2978, -23.8473,
7.3768

■ 56.4359, 26.9902,
2.0931

■ 41.8596, -25.8121,
8.4835

■ 58.2772, 32.6038,
2.3587

■ 41.5265, -27.3615,
9.6463

■ 60.1998, 38.3022,
2.7127

■ 41.2890, -28.5220,
10.8458

■ 62.1988, 44.0685,
3.1488

Harmonies

Analogous

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



47.3650, -3.3710, 3.1639



47.3640, -3.5651, 2.6863



47.3650, -3.4847, 2.1758

Triad

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



47.3650, -3.5662, 2.6870



47.3650, -2.1079, 1.6571



47.3650, -1.9086, 3.3742

Complementary

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



47.3640, -3.5651, 2.6863



46.7431, -1.4445, 2.4325

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.



47.3650, -1.5673, 2.9772



47.3640, -3.5651, 2.6863



47.3650, -1.6827, 1.9850

Square

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



47.3650, -3.5662, 2.6870



47.3650, -2.6443, 1.5773



47.3650, -1.4845, 2.4691



47.3650, -2.4152, 3.5577

Rectangle

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



47.3640, -3.5651, 2.6863



47.3650, -3.2842, 1.8846



47.3650, -1.4845, 2.4691



47.3650, -1.7706, 3.2615

Sweetspot

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



47.3650, -3.5662, 2.6870



63.5867, -4.0159, 3.5217



47.3953, -3.5724, 3.5945



30.6870, -1.9175, 1.6973



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



47.3650, -3.5662, 2.6870



63.2584, -5.2325, 3.6424



47.2660, -3.1994, 2.1325



23.2299, -2.0513, 1.3527



40.8176, -29.0344, 11.6585



2.4306, -1.5375, 0.2809

Inverse Universe

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



46.7431, -1.4445, 2.4325



62.1447, -1.4329, 3.1866



46.8406, -1.8106, 2.9810



22.7424, -0.3882, 1.1532



22.1974, 38.8132, 8.1462



1.3535, 2.4558, -0.1937

Previews

White Background



This preview shows how the HunterLab color 47.3640, -3.5651, 2.6863 looks on a white background.

Color Contrast Check

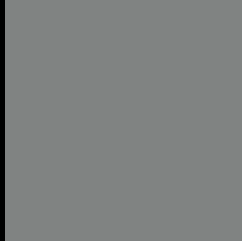
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3640, -3.5651, 2.6863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

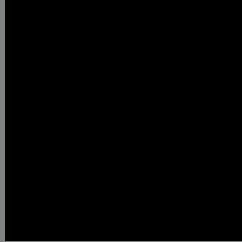
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

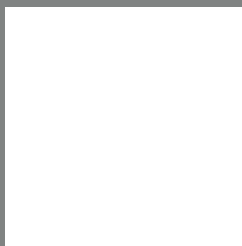
Any Text WCAG AAA × Fail

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

HunterLab 47.3640, -3.5651, 2.6863 Background



This preview shows how black text looks on a background with the HunterLab color 47.3640, -3.5651, 2.6863.



This preview shows how white text looks on a background with the HunterLab color 47.3640, -3.5651,

2.6863.

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

47.3640, -3.5651, 2.6863

Protanopia

47.4729, -1.7933, 3.2825

Deuteranopia

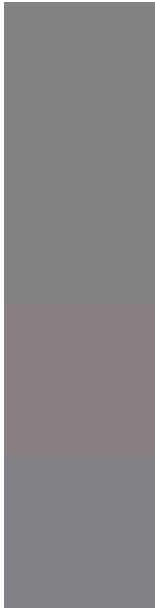
47.2347, 3.1714, 2.2083



Tritanopia

47.5442, -0.8978, -1.6597

Trichromacy



Original Color

47.3640, -3.5651, 2.6863

Protanomaly

47.3028, -2.3836, 3.0740

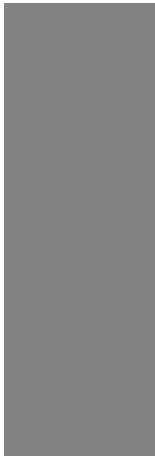
Deuteranomaly

47.3238, 0.6644, 2.2700

Tritanomaly

47.3392, -1.8504, -0.0350

Monochromacy



Original Color

47.3640, -3.5651, 2.6863

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1636, -2.8112, 2.4637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3640, -3.5651, 2.6863 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(128, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 131, 130)  
}
```

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(128, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 131, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3640, -3.5651, 2.6863 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(128, 131, 130) }
```


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

```
.border{ border-color:rgb(128, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 131,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3640, -3.5651, 2.6863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 131, 130) }
```

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

```
.background{ background-color: rgb(128,  
131, 130) }
```

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