

Converting Colors

Hex(616060)

Have a look what the booklet for
Hex(616060) contains.

| | |
|--|----|
| Hex(616060) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

Hex(616060)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 616060 |
| RGB | 97, 96, 96 |
| RGB Percent | 38%, 38%, 38% |
| CMY | 0.6196, 0.6235, 0.6235 |
| CMYK | 0.00, 0.01, 0.01, 0.62 |
| HSL | 0°, 1%, 38% |
| HSV | 0°, 1%, 38% |
| XYZ | 11.2240, 11.7517, 12.7431 |
| YIQ | 96.2990, 0.5960, 0.2120 |

Conversions

Conversions Part 2

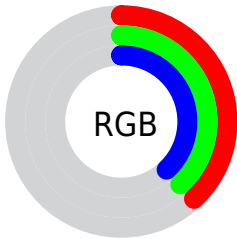
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 97, 96, 96 |
| Decimal | 6381664 |
| CIELab | 40.82, 0.40, 0.13 |
| CIELCh | 41, 0.419, 18.686 |
| Yxy | 11.7517, 0.3142, 0.3290 |
| Android (android.graphics.Color) | 4284571744 (0xFF616060) |
| YUV | 96.2990, -0.1474, 0.6148 |
| Hunter-Lab | 34.2807, -1.5479, 1.9568 |

Details

The Hex color **616060** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **606161**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **949292**, and **333232** is the 20% darker color. If you saturate the color by 10%, you get **615656**, and if you desaturate by 10%, it is **616A6A**.

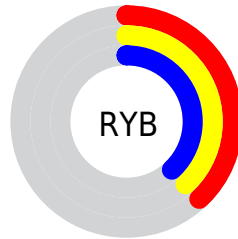
Distribution



Red (38%)

Green (38%)

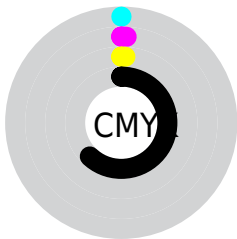
Blue (38%)



Red (38%)

Yellow (38%)

Blue (38%)

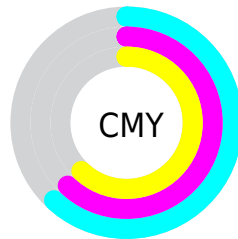


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (62%)



Cyan (62%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616060 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 Hex color 616060 by changing the saturation by 10% instead.

■ 616060

■ 616060

FFFFFF

■ 494848

■ 949292

■ 333232

■ AEADAD

■ 1E1D1D

■ C9C8C8

■ 040303

■ E6E4E4

■ 000000

■ 616060

■ 616060

■ 615656

■ 616A6A

■ 614D4D

■ 617373

■ 614343

■ 617D7D

■ 613939

■ 618787

■ 613030

■ 619191

■ 612626

■ 619A9A

■ 611C1C

■ 61A4A4

■ 611212

■ 61AEAE

■ 610909

■ 61B7B7

Harmonies

Triad

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



616060



606060



606061

Complementary

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



616060



606161

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.



5F6061



616060



606060

Square

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



616060



606060



5F6060



606061

Rectangle

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



616060



5F6060



606061

Sweetspot

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



616060



7D7D7D



616061



404040



BFBFBF

Same Dimension

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



616060



7D7C7C



616160



303030



700000



F00000

Inverse Universe

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



606161



7C7D7D



303030



007070



00F0F0

Previews

White Background



This preview shows how the Hex color 616060 looks on a white background.

Color Contrast Check

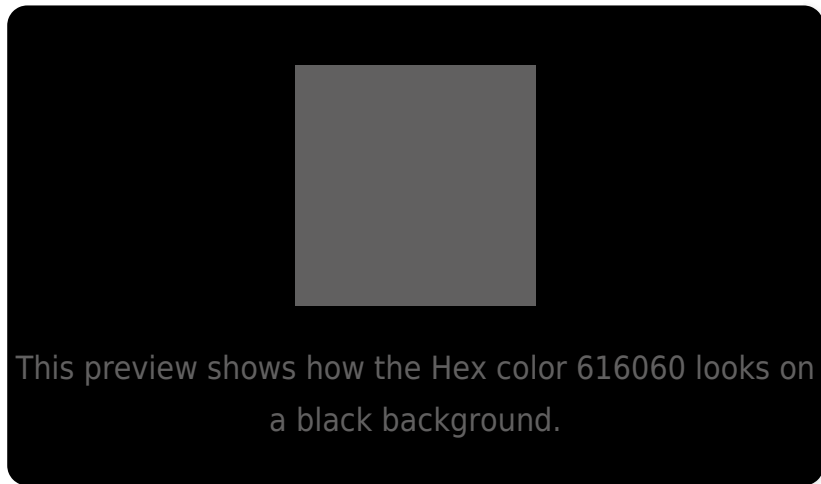
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

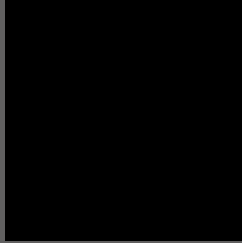
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

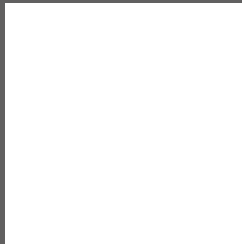
Any Text WCAG AAA × Fail

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

Hex 616060 Background



This preview shows how black text looks on a background with the Hex color 616060.



This preview shows how white text looks on a background with the Hex color 616060.

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

616060

Protanopia

626060

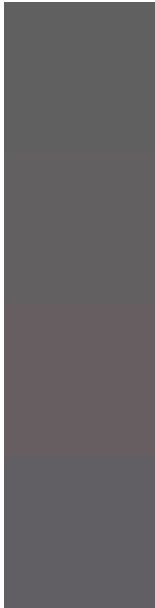
Deuteranopia

695D61



Tritanopia
625F66

Trichromacy



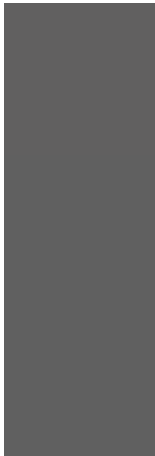
Original Color
616060

Protanomaly
626060

Deuteranomaly
665E61

Tritanomaly
625F64

Monochromacy



Original Color
616060

Achromatopsia
606060

Achromatomaly
606060

CSS Examples

Text

The CSS property to change the color of the text to Hex 616060 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 #616060 looks like.

```
.text, #text, p{  
    color:#616060  
}
```

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 #616060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616060
}
```

Border

The CSS property to change the border of an element to Hex 616060 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
#616060 }
```

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

```
.border{ border-color:#616060 }
```

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

Here you see how a box with a 4 pixel #616060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616060; -webkit-box-shadow:4px 4px  
4px 4px #616060; box-shadow:4px 4px 4px  
4px #616060 }
```

Background

The CSS property to change the background color of an element to Hex 616060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616060 }
```

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

```
.background{ background-color:#616060 }
```

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