

Converting Colors

Hex(636963)

Have a look what the booklet for
Hex(636963) contains.

| | |
|--|----|
| Hex(636963) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(636963)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 636963 |
| RGB | 99, 105, 99 |
| RGB Percent | 39%, 41%, 39% |
| CMY | 0.6118, 0.5882, 0.6118 |
| CMYK | 0.06, 0.00, 0.06, 0.59 |
| HSL | 120°, 3%, 40% |
| HSV | 120°, 6%, 41% |
| XYZ | 12.4493, 13.6567, 13.7842 |
| YIQ | 102.5220, -1.6500, -3.1380 |

Conversions

Conversions Part 2

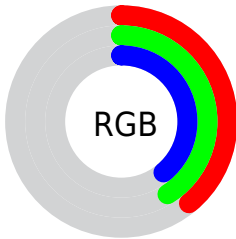
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 99, 105, 105 |
| Decimal | 6515043 |
| CIE Lab | 43.74, -3.56, 2.57 |
| CIE LCh | 44, 4.390, 144.173 |
| Yxy | 13.6567, 0.3121, 0.3424 |
| Android (android.graphics.Color) | 4284705123 (0xFF636963) |
| YUV | 102.5220, -1.7363, -3.0888 |
| Hunter-Lab | 36.9549, -4.5384, 3.7532 |

Details

The Hex color **636963** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **696369**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **969C96**, and **353A35** is the 20% darker color. If you saturate the color by 10%, you get **596959**, and if you desaturate by 10%, it is **6E696E**.

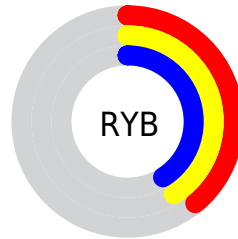
Distribution



Red (39%)

Green (41%)

Blue (39%)



Red (39%)

Yellow (41%)

Blue (41%)

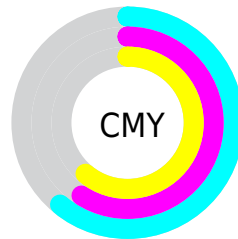


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 636963 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 636963 by changing the saturation by 10% instead.

636963

636963

FFFFFF

4B514B

969C96

353A35

B0B7B0

1F241F

CCD3CC

070F07

E8EFE8

000000

636963

636963

596959

6E696E

4E694E

786978

446944

836983

■ 396939

■ 8D698D

■ 2F692F

■ 986998

■ 246924

■ A269A2

■ 1A691A

■ AC69AC

■ 0F690F

■ B769B7

■ 056905

■ C269C2

Harmonies

Analogous

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



676861



636963



606A66

Triad

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



636963



63686E



6F6565

Complementary

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



636963



696369

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.



6E6568



636963



67676E

Square

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



636963



60696D



6C666C



6E6662

Rectangle

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



636963



5F6A69



6C666C



6F6566

Sweetspot

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



636963



878A87



696963



434543



C4C4C4



454545

Same Dimension

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



636963



808A80



636966



313631



007500



00F500

Inverse Universe

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



696369



8A808A



696366



363136



750075



F500F5

Previews

White Background



This preview shows how the Hex color 636963 looks on a white background.

Color Contrast Check

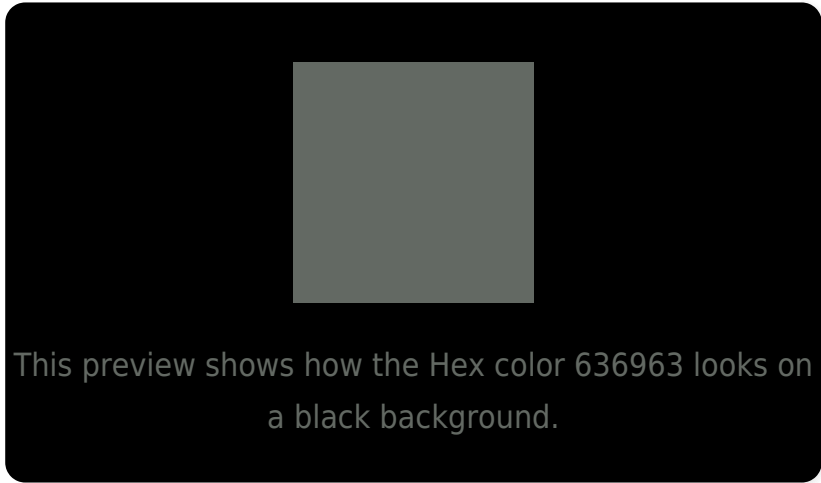
Large Text (above 18pt) WCAG AA ✓ Pass

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

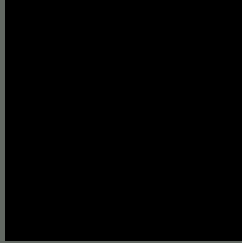
Any Text WCAG AA × Fail

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 636963 Background



This preview shows how black text looks on a background with the Hex color 636963.



This preview shows how white text looks on a background with the Hex color 636963.

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
636963

Protanopia
6A6762

Deuteranopia
726464



Tritanopia
65676F

Trichromacy



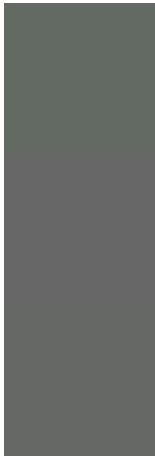
Original Color
636963

Protanomaly
676862

Deuteranomaly
6D6664

Tritanomaly
64686B

Monochromacy



Original Color
636963

Achromatopsia
676767

Achromatomaly
666866

CSS Examples

Text

The CSS property to change the color of the text to Hex 636963 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 #636963 looks like.

```
.text, #text, p{  
    color:#636963  
}
```

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 #636963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636963
}
```

Border

The CSS property to change the border of an element to Hex 636963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

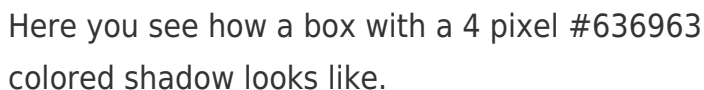
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636963 }
```

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

```
.border{ border-color:#636963 }
```

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



Here you see how a box with a 4 pixel #636963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636963; -webkit-box-shadow:4px 4px  
4px 4px #636963; box-shadow:4px 4px 4px  
4px #636963 }
```

Background

The CSS property to change the background color of an element to Hex 636963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636963 }
```

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

```
.background{ background-color:#636963 }
```

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