

# Converting Colors

Hex(666265)

Have a look what the booklet for  
Hex(666265) contains.

<b>Hex(666265)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	22
<b><i>Color Blindness Simulation</i></b> .....	25
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(666265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666265
RGB	102, 98, 101
RGB Percent	40%, 38%, 40%
CMY	0.6000, 0.6157, 0.6039
CMYK	0.00, 0.04, 0.01, 0.60
HSL	315°, 2%, 39%
HSV	315°, 4%, 40%
XYZ	12.1961, 12.4997, 14.0818
YIQ	99.5380, 1.4210, 1.7810

# Conversions

## Conversions Part 2

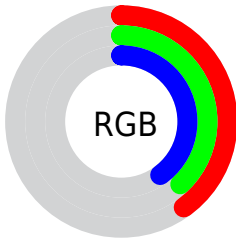
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 98, 101
Decimal	6709861
CIE <sub>Lab</sub>	42.00, 2.19, -1.14
CIE <sub>LCh</sub>	42, 2.473, 332.496
Yxy	12.4997, 0.3145, 0.3223
Android (android.graphics.Color)	4284899941 (0xFF666265)
YUV	99.5380, 0.7208, 2.1592
Hunter-Lab	35.3550, -0.2954, 1.1334

# Details

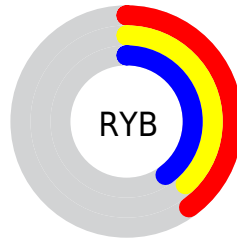
The Hex color **666265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **626663**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **999598**, and **373436** is the 20% darker color. If you saturate the color by 10%, you get **665862**, and if you desaturate by 10%, it is **666C68**.

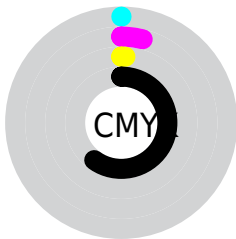
# Distribution



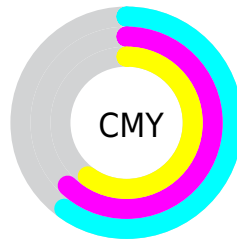
- Red (40%)
- Green (38%)
- Blue (40%)



- Red (40%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666265 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 666265 by changing the saturation by 10% instead.



666265

666265

FFFFFF

4E4A4D

999598

373436

B4AFB3

221F21

CFCBCE

0C060A

EBE7EA

000000

666265

666265

665862

666C68

664E60

66766A

66435D

66816D

66395B

668B6F

662F58

669572

662556

669F74

661B53

66A977

661051

66B479

66064E

66BE7C

# Harmonies

## Analogous

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



646367



666265



676263

# Triad

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



666265



65635F



5E6465

# Complementary

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



666265



626663

# 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.



5F6463



666265



626460

# Square

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



666265



676260



606461



5F6467

# Rectangle

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



666265



686262



606461



5E6465



# Sweetspot

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



666265



858384



636266



424242



C2C2C2

# Same Dimension

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



666265



857E83



666263



333032



730056



F200B6



# Inverse Universe

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



666265



857E83



626665



333032



730056



F200B6



# Previews

## White Background



This preview shows how the Hex color 666265 looks on a white background.

## Color Contrast Check

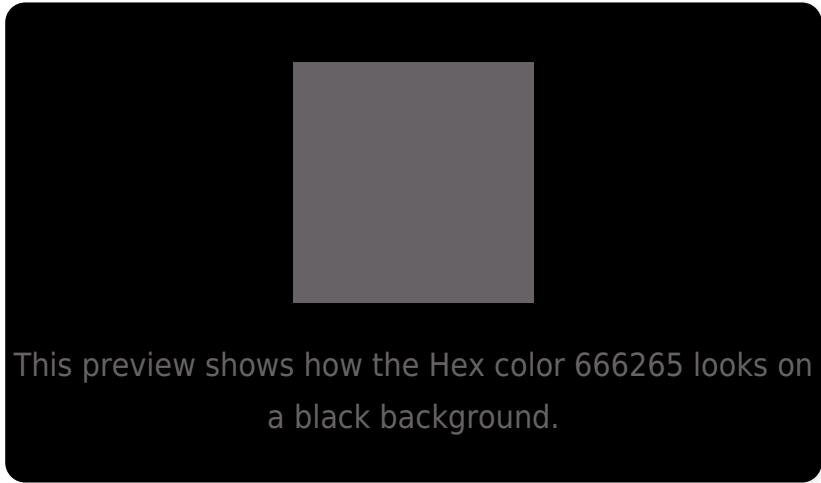
Large Text (above 18pt) WCAG AA ✓ Pass

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

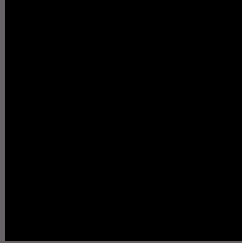
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

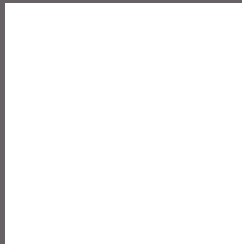
Any Text WCAG AAA × Fail

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

## Hex 666265 Background



This preview shows how black text looks on a background with the Hex color 666265.



This preview shows how white text looks on a background with the Hex color 666265.



# 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**

666265

**Protanopia**

646365

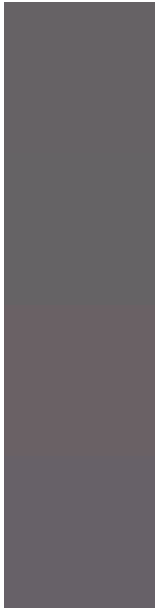
**Deuteranopia**

6C6065



**Tritanopia**  
676169

# Trichromacy



**Original Color**

666265

**Protanomaly**

656365

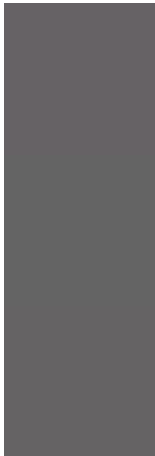
**Deuteranomaly**

6A6165

**Tritanomaly**

676168

# Monochromacy



**Original Color**

666265

**Achromatopsia**

646464

**Achromatomaly**

656364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666265 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 #666265 looks like.

```
.text, #text, p{  
    color:#666265  
}
```

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 #666265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666265
}
```

## Border

The CSS property to change the border of an element to Hex 666265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

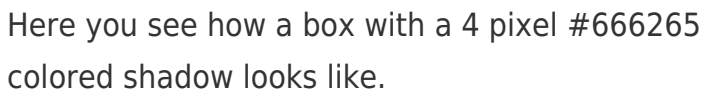
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666265 }
```

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

```
.border{ border-color:#666265 }
```

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



Here you see how a box with a 4 pixel #666265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666265; -webkit-box-shadow:4px 4px  
4px 4px #666265; box-shadow:4px 4px 4px  
4px #666265 }
```

# Background

The CSS property to change the background color of an element to Hex 666265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666265 }
```

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

```
.background{ background-color:#666265 }
```

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