

# Converting Colors

Hex(576475)

Have a look what the booklet for  
Hex(576475) contains.

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# Color

Hex(576475)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	576475
RGB	87, 100, 117
RGB Percent	34%, 39%, 46%
CMY	0.6588, 0.6078, 0.5412
CMYK	0.26, 0.15, 0.00, 0.54
HSL	214°, 15%, 40%
HSV	214°, 26%, 46%
XYZ	11.6985, 12.4249, 18.6113
YIQ	98.0510, -13.2050, 2.5310

# Conversions

## Conversions Part 2

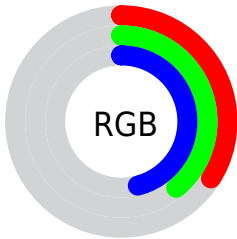
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 96, 117
Decimal	5727349
CIE <sub>Lab</sub>	41.88, -0.78, -11.20
CIE <sub>LCh</sub>	42, 11.223, 265.994
Yxy	12.4249, 0.2737, 0.2907
Android (android.graphics.Color)	4283917429 (0xFF576475)
YUV	98.0510, 9.3419, -9.6917
Hunter-Lab	35.2490, -2.4447, -6.6305




# Details

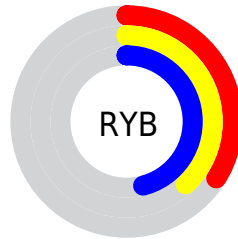
The Hex color **576475** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756857**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **8997A9**, and **293645** is the 20% darker color. If you saturate the color by 10%, you get **4B5D75**, and if you desaturate by 10%, it is **636B75**.

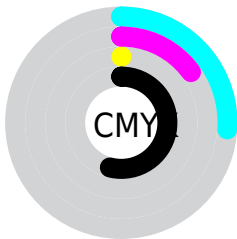
# Distribution







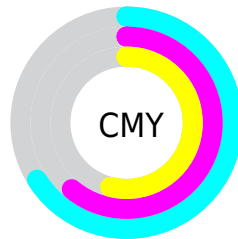
-  Red (34%)
-  Green (39%)
-  Blue (46%)






-  Red (34%)
-  Yellow (38%)
-  Blue (46%)



-  Cyan (26%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (66%)
-  Magenta (61%)
-  Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 576475 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 576475 by changing the saturation by 10% instead.



■ 576475

■ 576475

FFFFFF

■ 3F4C5C

■ 8997A9

■ 293645

■ A4B1C4

■ 13202E

■ BFCDE0

■ 00091A

■ DBE9FD

■ 000000

■ F8FFFF

■ 576475

■ 576475

■ 4B5D75

■ 636B75

■ 405775

■ 6E7175

■ 345075

■ 7A7875

■ 284975

■ 867F75

■ 1D4375

■ 928575

■ 113C75

■ 9D8C75

■ 053675

■ A99275

■ 003375

■ B59975

■ C0A075

# Harmonies

## Analogous

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



4E6772



576475



636173

# Triad

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



576475



765D5B



576758

# Complementary

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



576475



756857

# 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.



616552



576475



735F54

# Square

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



576475



755D64



6B6251



4E6861

# Rectangle

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



576475



6A5F70



6B6251



5A6656



# Sweetspot

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



576475



8D9299



577568



45484D



CCCCCC



4D4D4D



# Same Dimension

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



576475



6A7E99



595775



35373B



00357A



006CFA



# Inverse Universe

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



755764



996A7E



737557



3B3537



7A0035



FA006C



# Previews

## White Background



This preview shows how the Hex color 576475 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

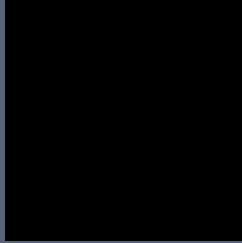
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

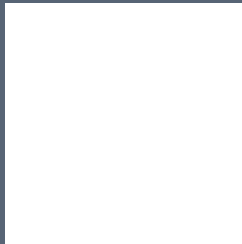
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 576475 Background



This preview shows how black text looks on a background with the Hex color 576475.

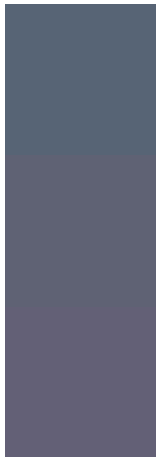


This preview shows how white text looks on a background with the Hex color 576475.

# 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](#).

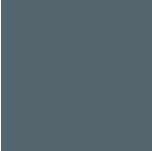
## Dichromacy



**Original Color**  
576475

**Protanopia**  
5F6274

**Deuteranopia**  
636076



**Tritanopia**  
55656D

# Trichromacy



**Original Color**  
576475

**Protanomaly**  
5C6374

**Deuteranomaly**  
5F6176

**Tritanomaly**  
566570

# Monochromacy



**Original Color**  
576475

**Achromatopsia**  
626262

**Achromatomaly**  
5E6369

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 576475 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 #576475 looks like.

```
.text, #text, p{  
    color:#576475  
}
```

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 #576475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576475
}
```

## Border

The CSS property to change the border of an element to Hex 576475 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
#576475 }
```

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

```
.border{ border-color:#576475 }
```

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

Here you see how a box with a 4 pixel #576475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576475; -webkit-box-shadow:4px 4px  
4px 4px #576475; box-shadow:4px 4px 4px  
4px #576475 }
```

# Background

The CSS property to change the background color of an element to Hex 576475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576475 }
```

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

```
.background{ background-color:#576475 }
```

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](#).



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