

Converting Colors

Hex(66575E)

Have a look what the booklet for
Hex(66575E) contains.

Hex(66575E)	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(66575E)

Conversions

Conversions Part 1

Format	Color
Hex	66575E
RGB	102, 87, 94
RGB Percent	40%, 34%, 37%
CMY	0.6000, 0.6588, 0.6314
CMYK	0.00, 0.15, 0.08, 0.60
HSL	332°, 8%, 37%
HSV	332°, 15%, 40%
XYZ	10.9081, 10.4493, 12.0317
YIQ	92.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

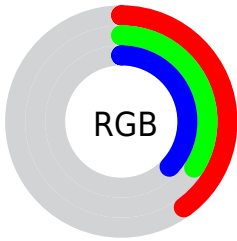
Format	Color
R_{YB}	102, 87, 94
Decimal	6707038
CIE Lab	38.64, 7.48, -1.77
CIE LCh	39, 7.684, 346.668
Yxy	10.4493, 0.3267, 0.3130
Android (android.graphics.Color)	4284897118 (0xFF66575E)
YUV	92.2830, 0.8465, 8.5218
Hunter-Lab	32.3254, 3.6646, 0.5598




Details

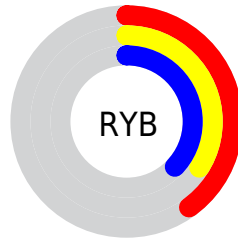
The Hex color **66575E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **57665F**, and the grayscale version is **5C5C5C**.




A 20% lighter version of the original color is **998990**, and **372A30** is the 20% darker color. If you saturate the color by 10%, you get **664D59**, and if you desaturate by 10%, it is **666163**.

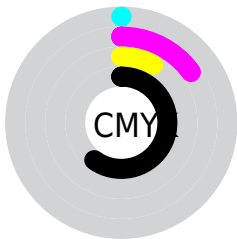
Distribution







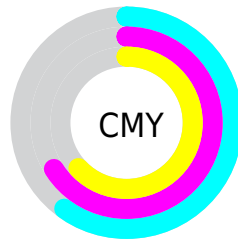
-  Red (40%)
-  Green (34%)
-  Blue (37%)






-  Red (40%)
-  Yellow (34%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (15%)
-  Yellow (8%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (66%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66575E 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 66575E by changing the saturation by 10% instead.



66575E



66575E

FFFFFF



4E4046



998990



372A30



B4A3AB



21151B



CFBEC6



040000



ECDAE2



000000



FFF6FF



66575E



66575E



664D59



666163



664353



666B69

66384E

66766E

662E48

668074

662443

668A79

661A3D

66947F

661038

669E84

660532

66A98A

660030

66B38F

Harmonies

Analogous

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



605864



66575E



685758

Triad

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



66575E



5C5C4F



4C5E64

Complementary

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



66575E



57665F

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.



4B5F5E



66575E



555D52

Square

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



66575E



635A4F



4F5E58



515C67

Rectangle

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



66575E



685754



4F5E58



4B5E62

Sweetspot

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



66575E



857F82



5F5766



423F41



C2C2C2



424242

Same Dimension

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



66575E



856D78



665857



332E30



730036



F20071

Inverse Universe

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



66575E



856D78



576666



332E30



730036



F20071

Previews

White Background



This preview shows how the Hex color 66575E looks on a white background.

Color Contrast Check

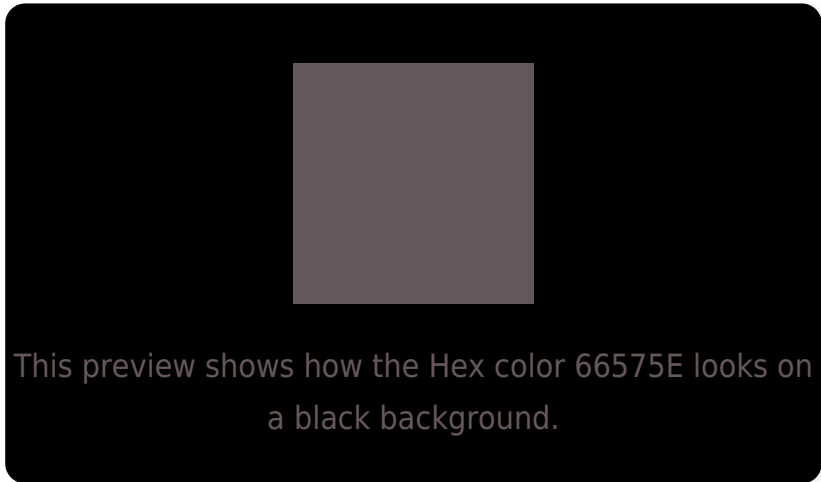
Large Text (above 18pt) WCAG AA ✓ Pass

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

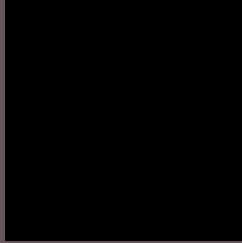
Any Text WCAG AA × Fail

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 66575E Background



This preview shows how black text looks on a background with the Hex color 66575E.



This preview shows how white text looks on a background with the Hex color 66575E.

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
66575E

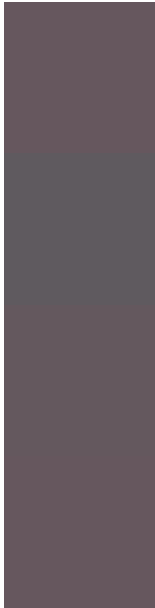
Protanopia
5B5B60

Deuteranopia
63585E



Tritanopia
66575E

Trichromacy



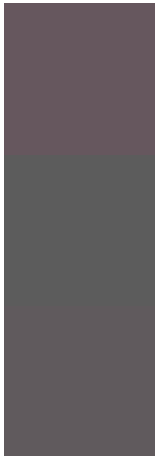
Original Color
66575E

Protanomaly
5F5A5F

Deuteranomaly
64585E

Tritanomaly
66575E

Monochromacy



Original Color
66575E

Achromatopsia
5C5C5C

Achromatomaly
605A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66575E 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 #66575E looks like.

```
.text, #text, p{  
    color:#66575E  
}
```

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 #66575E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66575E
}
```

Border

The CSS property to change the border of an element to Hex 66575E is called "border". The border property can be set on classes, ids or directly on the HTML element.

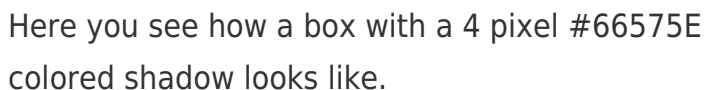
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66575E }
```

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

```
.border{ border-color:#66575E }
```

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



Here you see how a box with a 4 pixel #66575E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66575E; -webkit-box-shadow:4px 4px  
4px 4px #66575E; box-shadow:4px 4px 4px  
4px #66575E }
```

Background

The CSS property to change the background color of an element to Hex 66575E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66575E }
```

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

```
.background{ background-color:#66575E }
```

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