

Converting Colors

Hex(577486)

Have a look what the booklet for
Hex(577486) contains.

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Color

Hex(577486)

Conversions

Conversions Part 1

Format	Color
Hex	577486
RGB	87, 116, 134
RGB Percent	34%, 45%, 53%
CMY	0.6588, 0.5451, 0.4745
CMYK	0.35, 0.13, 0.00, 0.47
HSL	203°, 21%, 43%
HSV	203°, 35%, 53%
XYZ	14.4789, 16.2382, 24.9254
YIQ	109.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

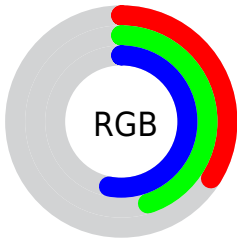
Format	Color
R _Y B	87, 105, 134
Decimal	5731462
CIE Lab	47.29, -5.75, -13.23
CIE LCh	47, 14.427, 246.527
Yxy	16.2382, 0.2602, 0.2918
Android (android.graphics.Color)	4283921542 (0xFF577486)
YUV	109.3810, 12.1372, -19.6281
Hunter-Lab	40.2967, -6.3827, -8.4660

Details

The Hex color **577486** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **866957**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **8AA8BB**, and **264454** is the 20% darker color. If you saturate the color by 10%, you get **4A6F86**, and if you desaturate by 10%, it is **647986**.

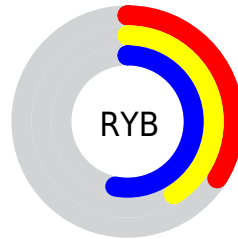
Distribution



Red (34%)

Green (45%)

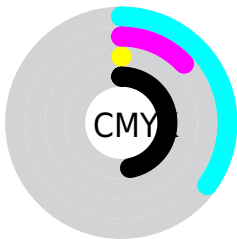
Blue (53%)



Red (34%)

Yellow (41%)

Blue (53%)

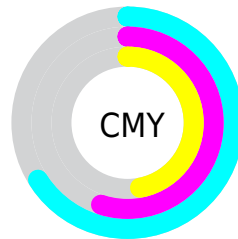


Cyan (35%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577486 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 577486 by changing the saturation by 10% instead.

■ 577486

■ 577486

FFFFFF

■ 3E5B6D

■ 8AA8BB

■ 264454

■ A5C3D7

■ 0D2E3D

■ C1DFF3

■ 001927

■ DDFCFF

■ 000113

■ FAFFFF

■ 000000

■ 577486

■ 577486

■ 4A6F86

■ 647986

■ 3C6A86

■ 727E86

■ 2F6586

■ 7F8386

■ 215F86

■ 8D8986

■ 145A86

■ 9A8E86

■ 075586

■ A79386

■ 005386

■ B59886

■ C29D86

■ D0A286

Harmonies

Analogous

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



4F767E



577486



667088

Triad

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



577486



89686E



69745C

Complementary

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



577486



866957

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.



777058



577486



886962

Square

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



577486



82697A



826C5A



5C7666

Rectangle

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



577486



706E86



826C5A



6E735A

Sweetspot

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



577486



9AA6AD



578668



4B5257



D6D6D6



575757

Same Dimension

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



577486



6592AD



575D86



3C4042



005082



000203

Inverse Universe

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



865774



AD6592



868057



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 577486 looks on a white background.

Color Contrast Check

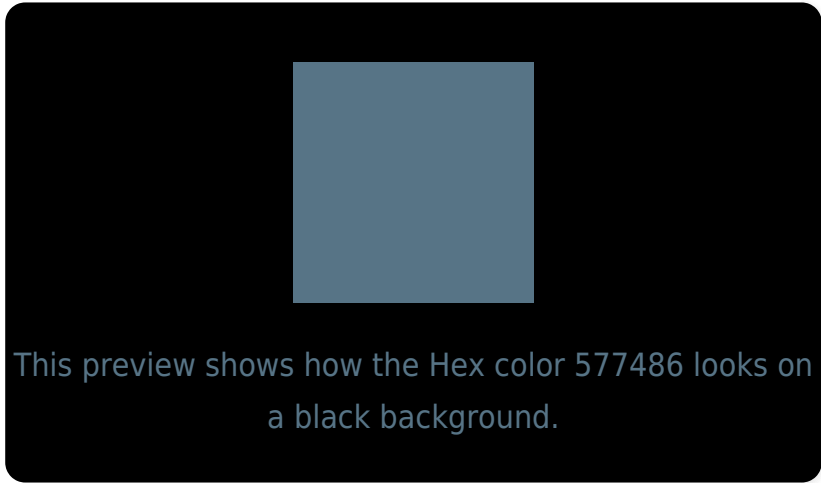
Large Text (above 18pt) WCAG AA ✓ Pass

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

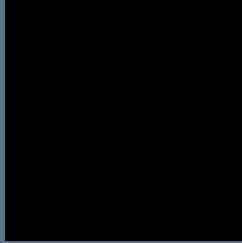
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

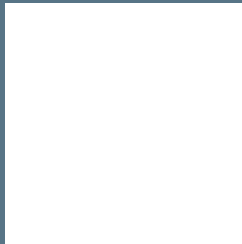
Any Text WCAG AAA × Fail

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

Hex 577486 Background



This preview shows how black text looks on a background with the Hex color 577486.

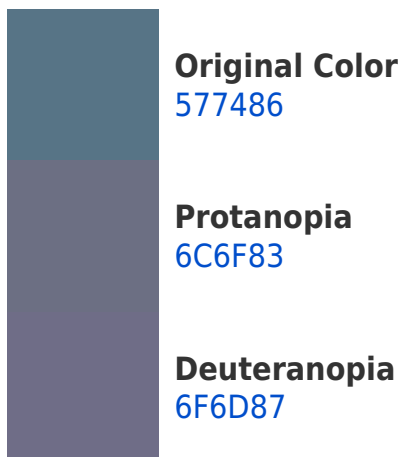



This preview shows how white text looks on a background with the Hex color 577486.

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





Tritanopia
55757F

Trichromacy



Original Color
577486

Protanomaly
647184

Deuteranomaly
667087

Tritanomaly
567582

Monochromacy



Original Color
577486

Achromatopsia
6D6D6D

Achromatomaly
657076

CSS Examples

Text

The CSS property to change the color of the text to Hex 577486 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 #577486 looks like.

```
.text, #text, p{  
    color:#577486  
}
```

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 #577486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577486
}
```

Border

The CSS property to change the border of an element to Hex 577486 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
#577486 }
```

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

```
.border{ border-color:#577486 }
```

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

Here you see how a box with a 4 pixel #577486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577486; -webkit-box-shadow:4px 4px  
4px 4px #577486; box-shadow:4px 4px 4px  
4px #577486 }
```

Background

The CSS property to change the background color of an element to Hex 577486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577486 }
```

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

```
.background{ background-color:#577486 }
```

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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