

Converting Colors

Hex(586A75)

Have a look what the booklet for
Hex(586A75) contains.

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Color

Hex(586A75)

Conversions

Conversions Part 1

Format	Color
Hex	586A75
RGB	88, 106, 117
RGB Percent	35%, 42%, 46%
CMY	0.6549, 0.5843, 0.5412
CMYK	0.25, 0.09, 0.00, 0.54
HSL	203°, 14%, 40%
HSV	203°, 25%, 46%
XYZ	12.3894, 13.6671, 18.8146
YIQ	101.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

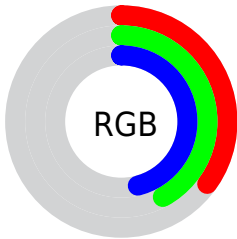
Format	Color
R_{YB}	88, 99, 117
Decimal	5794421
CIE _{Lab}	43.75, -4.03, -8.38
CIE _{LCh}	44, 9.298, 244.291
Yxy	13.6671, 0.2761, 0.3046
Android (android.graphics.Color)	4283984501 (0xFF586A75)
YUV	101.8720, 7.4581, -12.1657
Hunter-Lab	36.9691, -4.8753, -4.2961

Details

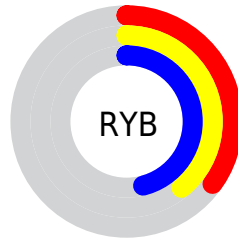
The Hex color **586A75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756358**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8A9DA9**, and **2A3B45** is the 20% darker color. If you saturate the color by 10%, you get **4C6675**, and if you desaturate by 10%, it is **646E75**.

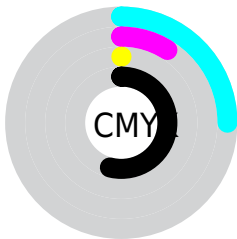
Distribution



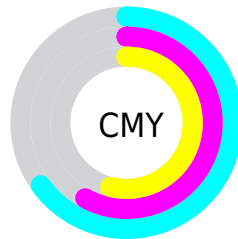
- Red (35%)
- Green (42%)
- Blue (46%)



- Red (35%)
- Yellow (39%)
- Blue (46%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586A75 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 586A75 by changing the saturation by 10% instead.

■ 586A75

■ 586A75

FFFFFF

■ 40525C

■ 8A9DA9

■ 2A3B45

■ A5B8C4

■ 14252F

■ C0D4E0

■ 00101A

■ DCF0FD

■ 000000

■ F9FFFF

■ 586A75

■ 586A75

■ 4C6675

■ 646E75

■ 416175

■ 6F7375

■ 355D75

■ 7B7775

■ 295875

■ 877C75

■ 1D5475

■ 938075

■ 124F75

■ 9E8575

■ 064B75

■ AA8975

■ 004975

■ B68E75

■ C19275

Harmonies

Analogous

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



546C70



586A75



606877

Triad

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



586A75



776267



646A5B

Complementary

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



586A75



756358

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.



6D6758



586A75



78635F

Square

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



586A75



73636E



74655A



5B6B60

Rectangle

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



586A75



676675



74655A



676959

Sweetspot

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



586A75



8E9599



587563



464A4D



CCCCCC



4D4D4D

Same Dimension

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



586A75



6B8899



585C75



35383B



004C7A



009BFA

Inverse Universe

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



75586A



996B88



757158



3B3538



7A004C



FA009B

Previews

White Background



This preview shows how the Hex color 586A75 looks on a white background.

Color Contrast Check

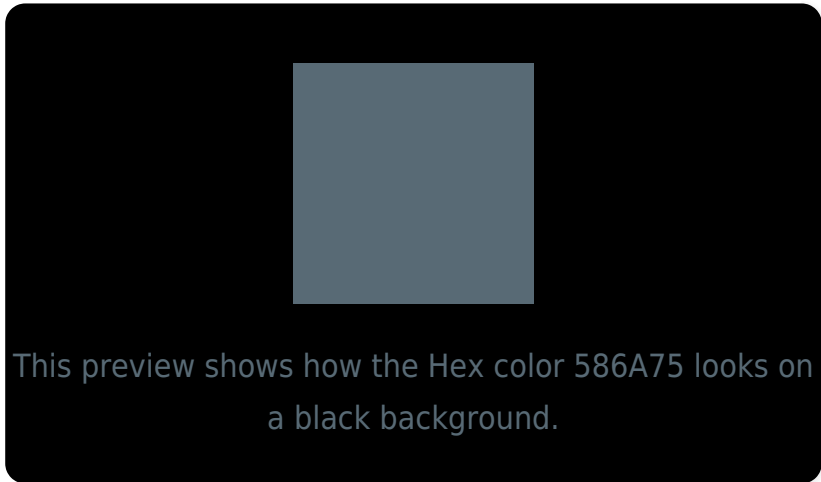
Large Text (above 18pt) WCAG AA ✓ Pass

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

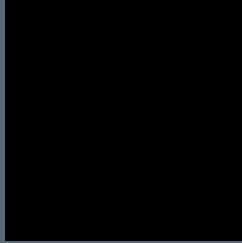
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

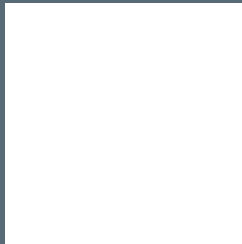
Any Text WCAG AAA × Fail

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

Hex 586A75 Background



This preview shows how black text looks on a background with the Hex color 586A75.



This preview shows how white text looks on a background with the Hex color 586A75.

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](#).

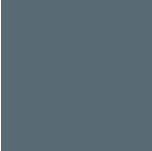
Dichromacy



Original Color
586A75

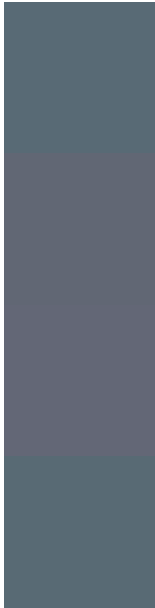
Protanopia
666673

Deuteranopia
6A6576



Tritanopia
586A73

Trichromacy



Original Color
586A75

Protanomaly
616774

Deuteranomaly
636776

Tritanomaly
586A74

Monochromacy



Original Color
586A75

Achromatopsia
666666

Achromatomaly
61676B

CSS Examples

Text

The CSS property to change the color of the text to Hex 586A75 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 #586A75 looks like.

```
.text, #text, p{  
    color:#586A75  
}
```

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 #586A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586A75  
}
```

Border

The CSS property to change the border of an element to Hex 586A75 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  
#586A75 }
```

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

```
.border{ border-color:#586A75 }
```

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

Here you see how a box with a 4 pixel #586A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586A75; -webkit-box-shadow:4px 4px  
4px 4px #586A75; box-shadow:4px 4px 4px  
4px #586A75 }
```

Background

The CSS property to change the background color of an element to Hex 586A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586A75 }
```

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

```
.background{ background-color:#586A75 }
```

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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