

Converting Colors

Hex(586086)

Have a look what the booklet for
Hex(586086) contains.

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Color

Hex(586086)

Conversions

Conversions Part 1

Format	Color
Hex	586086
RGB	88, 96, 134
RGB Percent	35%, 38%, 53%
CMY	0.6549, 0.6235, 0.4745
CMYK	0.34, 0.28, 0.00, 0.47
HSL	230°, 21%, 44%
HSV	230°, 34%, 53%
XYZ	12.5104, 12.1617, 24.2423
YIQ	97.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

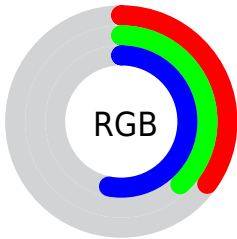
Format	Color
R_{YB}	88, 95, 134
Decimal	5791878
CIE Lab	41.47, 6.62, -22.13
CIE LCh	41, 23.097, 286.646
Yxy	12.1617, 0.2558, 0.2486
Android (android.graphics.Color)	4283981958 (0xFF586086)
YUV	97.9400, 17.7776, -8.7174
Hunter-Lab	34.8736, 3.0057, -16.8038

Details

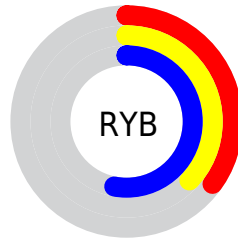
The Hex color **586086** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **867E58**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8B92BB**, and **283254** is the 20% darker color. If you saturate the color by 10%, you get **4B5586**, and if you desaturate by 10%, it is **656B86**.

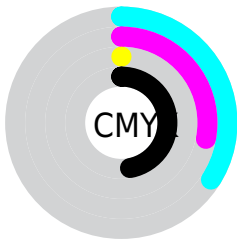
Distribution



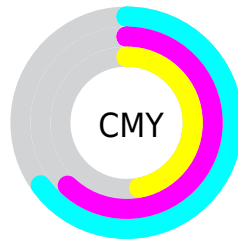
- Red (35%)
- Green (38%)
- Blue (53%)



- Red (35%)
- Yellow (37%)
- Blue (53%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (47%)



- Cyan (65%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586086 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 586086 by changing the saturation by 10% instead.

■ 586086

■ 586086

FFFFFF

■ 40486D

■ 8B92BB

■ 283254

■ A6ADD7

■ 0F1D3D

■ C1C8F4

■ 000327

■ DEE4FF

■ 000111

■ FAFFFF

■ 000000

■ 586086

■ 586086

■ 4B5586

■ 656B86

■ 3D4A86

■ 737686

■ 303F86

■ 808186

■ 223486

■ 8E8C86

■ 152986

■ 9B9786

■ 081E86

■ A8A286

■ 001786

■ B6AD86

■ C3B986

■ D1C486

Harmonies

Analogous

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



3A6686



586086



71597C

Triad

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



586086



835747



376C58

Complementary

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



586086



867E58

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.



4F6947



586086



765E3D

Square

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



586086



875458



64643D



226C6C

Rectangle

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



586086



7D5671



64643D



3F6B52

Sweetspot

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



586086



9C9FAD



58867E



4C4E57



D6D6D6



575757

Same Dimension

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



586086



6673AD



675886



3C3D42



001782



000003

Inverse Universe

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



865860



AD6673



778658



423C3D



820017



030000

Previews

White Background



This preview shows how the Hex color 586086 looks on a white background.

Color Contrast Check

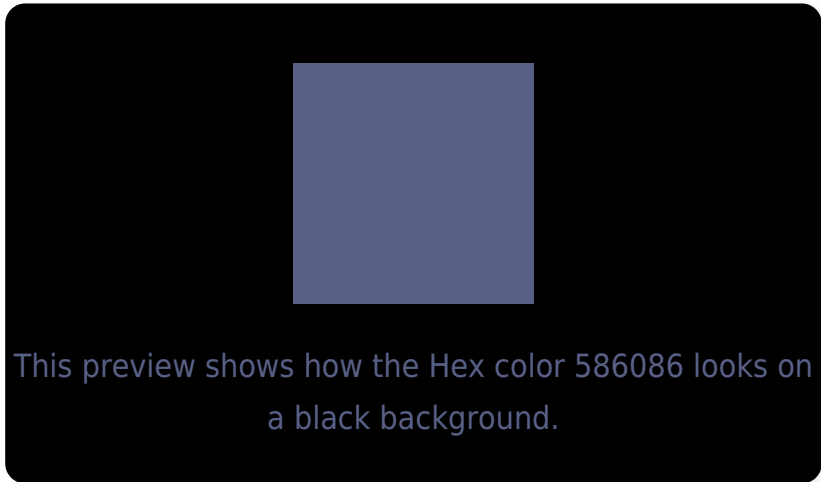
Large Text (above 18pt) WCAG AA ✓ Pass

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

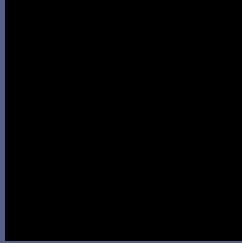
Any Text WCAG AA × Fail

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 586086 Background



This preview shows how black text looks on a background with the Hex color 586086.



This preview shows how white text looks on a background with the Hex color 586086.

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

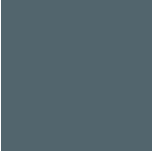
586086

Protanopia

566086

Deuteranopia

566086



Tritanopia
52656D

Trichromacy



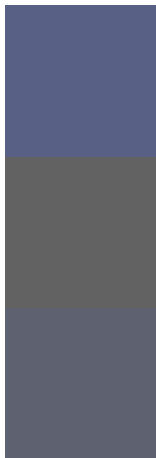
Original Color
586086

Protanomaly
576086

Deuteranomaly
576086

Tritanomaly
546376

Monochromacy



Original Color
586086

Achromatopsia
626262

Achromatomaly
5E616F

CSS Examples

Text

The CSS property to change the color of the text to Hex 586086 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 #586086 looks like.

```
.text, #text, p{  
    color:#586086  
}
```

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 #586086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586086  
}
```

Border

The CSS property to change the border of an element to Hex 586086 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  
#586086 }
```

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

```
.border{ border-color:#586086 }
```

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

Here you see how a box with a 4 pixel #586086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586086; -webkit-box-shadow:4px 4px  
4px 4px #586086; box-shadow:4px 4px 4px  
4px #586086 }
```

Background

The CSS property to change the background color of an element to Hex 586086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586086 }
```

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

```
.background{ background-color:#586086 }
```

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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