

Converting Colors

Hex(5F6876)

Have a look what the booklet for
Hex(5F6876) contains.

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Color

Hex(5F6876)

Conversions

Conversions Part 1

Format	Color
Hex	5F6876
RGB	95, 104, 118
RGB Percent	37%, 41%, 46%
CMY	0.6275, 0.5922, 0.5373
CMYK	0.19, 0.12, 0.00, 0.54
HSL	217°, 11%, 42%
HSV	217°, 19%, 46%
XYZ	12.9396, 13.6415, 19.0906
YIQ	102.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

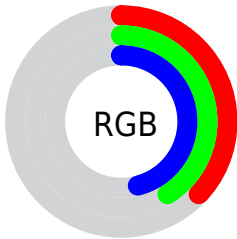
Format	Color
R_{YB}	95, 101, 118
Decimal	6252662
CIE Lab	43.71, -0.17, -8.98
CIE LCh	44, 8.985, 268.893
Yxy	13.6415, 0.2833, 0.2987
Android (android.graphics.Color)	4284442742 (0xFF5F6876)
YUV	102.9050, 7.4418, -6.9327
Hunter-Lab	36.9344, -2.0994, -4.7916

Details

The Hex color **5F6876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766D5F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **929BAA**, and **303946** is the 20% darker color. If you saturate the color by 10%, you get **536176**, and if you desaturate by 10%, it is **6B6F76**.

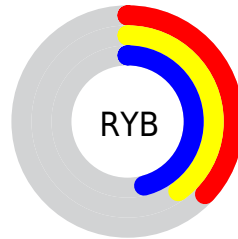
Distribution



 Red (37%)

 Green (41%)

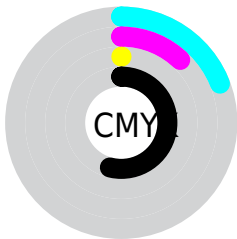
 Blue (46%)



 Red (37%)

 Yellow (40%)

 Blue (46%)

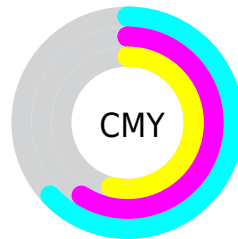


 Cyan (19%)

 Magenta (12%)

 Yellow (0%)

 Black (54%)



 Cyan (63%)

 Magenta (59%)

 Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6876 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 5F6876 by changing the saturation by 10% instead.

■ 5F6876

■ 5F6876

FFFFFF

■ 47505D

■ 929BAA

■ 303946

■ ACB6C5

■ 1B242F

■ C8D1E1

■ 030E1B

■ E4EEFE

■ 000000

■ 5F6876

■ 5F6876

■ 536176

■ 6B6F76

■ 475A76

■ 777676

■ 3C5276

■ 827E76

■ 304B76

■ 8E8576

■ 244476

■ 9A8C76

■ 183D76

■ A69376

■ 0C3676

■ B29A76

■ 012F76

■ BDA176

■ 002E76

■ C9A976

Harmonies

Analogous

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



576A74



5F6876



686574

Triad

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



5F6876



776360



5D6B5F

Complementary

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



5F6876



766D5F

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.



65695A



5F6876



74645B

Square

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



5F6876



766268



6E6759



576C67

Rectangle

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



5F6876



6E6471



6E6759



606A5D

Sweetspot

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



5F6876



909399



5F766D



47494D



CCCCCC



4D4D4D

Same Dimension

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



5F6876



768499



615F76



35373B



00307A



0062FA

Inverse Universe

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



765F68



997684



74765F



3B3537



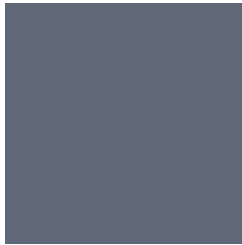
7A0030



FA0062

Previews

White Background



This preview shows how the Hex color 5F6876 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

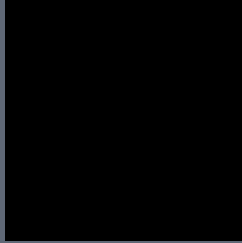
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

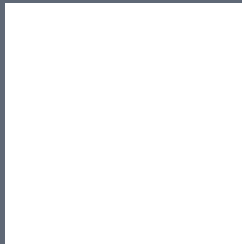
Any Text WCAG AAA × Fail

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

Hex 5F6876 Background



This preview shows how black text looks on a background with the Hex color 5F6876.



This preview shows how white text looks on a background with the Hex color 5F6876.

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](#).

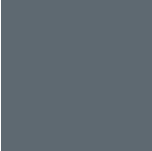
Dichromacy



Original Color
5F6876

Protanopia
656675

Deuteranopia
6A6577



Tritanopia
5E6971

Trichromacy



Original Color

5F6876

Protanomaly

636775

Deuteranomaly

666677

Tritanomaly

5E6973

Monochromacy



Original Color

5F6876

Achromatopsia

676767

Achromatomaly

64676C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6876 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 #5F6876 looks like.

```
.text, #text, p{  
    color:#5F6876  
}
```

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 #5F6876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6876  
}
```

Border

The CSS property to change the border of an element to Hex 5F6876 is called "border". The border property can be set on classes, ids or directly on the HTML element.

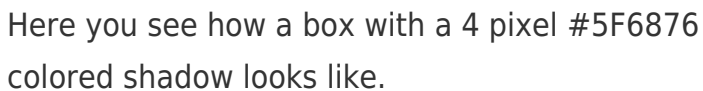
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5F6876 }
```

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

```
.border{ border-color:#5F6876 }
```

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



Here you see how a box with a 4 pixel #5F6876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6876; -webkit-box-shadow:4px 4px  
4px 4px #5F6876; box-shadow:4px 4px 4px  
4px #5F6876 }
```

Background

The CSS property to change the background color of an element to Hex 5F6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6876 }
```

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

```
.background{ background-color:#5F6876 }
```

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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