

Converting Colors

Hex(5D6776)

Have a look what the booklet for
Hex(5D6776) contains.

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Color

Hex(5D6776)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5D6776 |
| RGB | 93, 103, 118 |
| RGB Percent | 36%, 40%, 46% |
| CMY | 0.6353, 0.5961, 0.5373 |
| CMYK | 0.21, 0.13, 0.00, 0.54 |
| HSL | 216°, 12%, 41% |
| HSV | 216°, 21%, 46% |
| XYZ | 12.6345, 13.3357, 19.0477 |
| YIQ | 101.7200, -10.7750, 2.5450 |

Conversions

Conversions Part 2

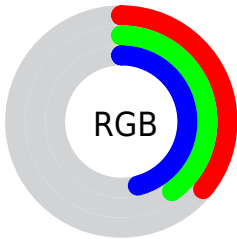
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 93, 100, 118 |
| Decimal | 6121334 |
| CIE Lab | 43.26, -0.27, -9.67 |
| CIE LCh | 43, 9.679, 268.380 |
| Yxy | 13.3357, 0.2807, 0.2962 |
| Android (android.graphics.Color) | 4284311414 (0xFF5D6776) |
| YUV | 101.7200, 8.0260, -7.6474 |
| Hunter-Lab | 36.5180, -2.1493, -5.3628 |

Details

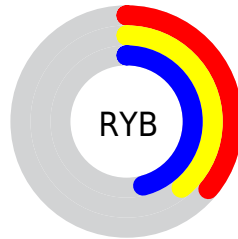
The Hex color **5D6776** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766C5D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **909AAA**, and **2E3846** is the 20% darker color. If you saturate the color by 10%, you get **516076**, and if you desaturate by 10%, it is **696E76**.

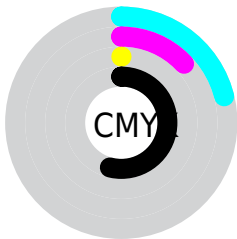
Distribution



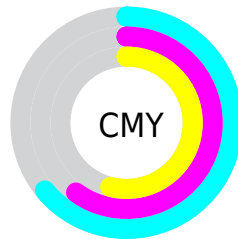
- Red (36%)
- Green (40%)
- Blue (46%)



- Red (36%)
- Yellow (39%)
- Blue (46%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6776 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 5D6776 by changing the saturation by 10% instead.



5D6776



5D6776

FFFFFF



454F5D



909AAA



2E3846



AAB5C5



19232F



C6D0E1



000D1B



E2EDFE



000000

FEFFFF



5D6776



5D6776



516076



696E76



455976



757576

■ 3A5276

■ 807C76

■ 2E4B76

■ 8C8376

■ 224476

■ 988A76

■ 163D76

■ A49176

■ 0A3576

■ B09976

■ 002F76

■ BBA076

■ C7A776

Harmonies

Analogous

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



556974



5D6776



676474

Triad

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



5D6776



77615F



5B6A5E

Complementary

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



5D6776



766C5D

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.



646858



5D6776



746359

Square

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



5D6776



766167



6D6556



546B65

Rectangle

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



5D6776



6E6371



6D6556



5E695B

Sweetspot

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



5D6776



909399



5D766C



47494D



CCCCCC



4D4D4D

Same Dimension

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



5D6776



738299



5F5D76



35373B



00317A



0064FA

Inverse Universe

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



765D67



997382



74765D



3B3537



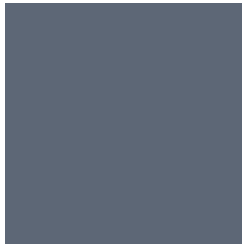
7A0031



FA0064

Previews

White Background



This preview shows how the Hex color 5D6776 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

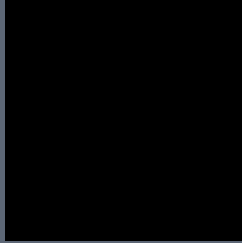
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

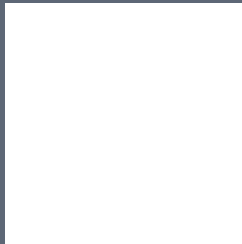
Any Text WCAG AAA × Fail

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

Hex 5D6776 Background



This preview shows how black text looks on a background with the Hex color 5D6776.



This preview shows how white text looks on a background with the Hex color 5D6776.

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
5D6776

Protanopia
636575

Deuteranopia
686477



Tritanopia
5C6870

Trichromacy



Original Color
5D6776

Protanomaly
616675

Deuteranomaly
646577

Tritanomaly
5C6872

Monochromacy



Original Color
5D6776

Achromatopsia
666666

Achromatomaly
63666C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6776 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 #5D6776 looks like.

```
.text, #text, p{  
    color:#5D6776  
}
```

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 #5D6776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6776
}
```

Border

The CSS property to change the border of an element to Hex 5D6776 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
#5D6776 }
```

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

```
.border{ border-color:#5D6776 }
```

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

Here you see how a box with a 4 pixel #5D6776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6776; -webkit-box-shadow:4px 4px  
4px 4px #5D6776; box-shadow:4px 4px 4px  
4px #5D6776 }
```

Background

The CSS property to change the background color of an element to Hex 5D6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6776 }
```

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

```
.background{ background-color:#5D6776 }
```

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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