

Converting Colors

Hex(5B6476)

Have a look what the booklet for
Hex(5B6476) contains.

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Color

Hex(5B6476)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 5B6476 |
| RGB | 91, 100, 118 |
| RGB Percent | 36%, 39%, 46% |
| CMY | 0.6431, 0.6078, 0.5373 |
| CMYK | 0.23, 0.15, 0.00, 0.54 |
| HSL | 220°, 13%, 41% |
| HSV | 220°, 23%, 46% |
| XYZ | 12.1416, 12.6465, 18.9406 |
| YIQ | 99.3610, -11.1420, 3.6900 |

Conversions

Conversions Part 2

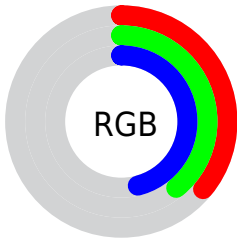
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 91, 98, 118 |
| Decimal | 5989494 |
| CIE _{Lab} | 42.23, 0.84, -11.26 |
| CIE _{LCh} | 42, 11.288, 274.280 |
| Yxy | 12.6465, 0.2777, 0.2892 |
| Android (android.graphics.Color) | 4284179574 (0xFF5B6476) |
| YUV | 99.3610, 9.1890, -7.3326 |
| Hunter-Lab | 35.5619, -1.2898, -6.6851 |

Details

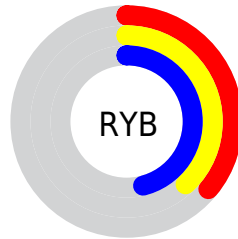
The Hex color **5B6476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766D5B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8E97AA**, and **2D3646** is the 20% darker color. If you saturate the color by 10%, you get **4F5C76**, and if you desaturate by 10%, it is **676C76**.

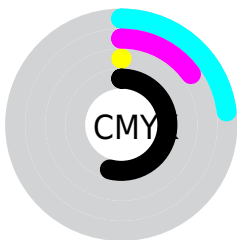
Distribution



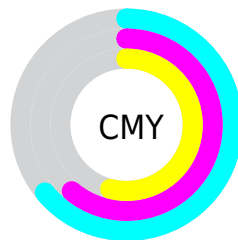
- Red (36%)
- Green (39%)
- Blue (46%)



- Red (36%)
- Yellow (38%)
- Blue (46%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6476 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 5B6476 by changing the saturation by 10% instead.

■ 5B6476

■ 5B6476

FFFFFF

■ 434C5D

■ 8E97AA

■ 2D3646

■ A8B1C5

■ 17202F

■ C3CDE1

■ 00091B

■ DFE9FE

■ 000000

■ FCFFFF

■ 5B6476

■ 5B6476

■ 4F5C76

■ 676C76

■ 435476

■ 737476

■ 384C76

■ 7E7C76

■ 2C4576

■ 8A8376

■ 203D76

■ 968B76

■ 143576

■ A29376

■ 082D76

■ AE9B76

■ 002776

■ B9A376

■ C5AB76

Harmonies

Analogous

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



506774



5B6476



676173

Triad

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



5B6476



775E5A



55685B

Complementary

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



5B6476



766D5B

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.



5F6654



5B6476



726053

Square

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



5B6476



775D63



6A6351



4D6965

Rectangle

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



5B6476



6E5F6F



6A6351



586859

Sweetspot

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



5B6476



8E9299



5B766D



46484D



CCCCCC



4D4D4D

Same Dimension

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



5B6476



707D99



5F5B76



35373B



00297A



0053FA

Inverse Universe

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



765B64



99707D



72765B



3B3537



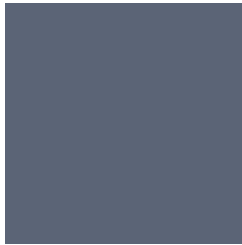
7A0029



FA0053

Previews

White Background



This preview shows how the Hex color 5B6476 looks on a white background.

Color Contrast Check

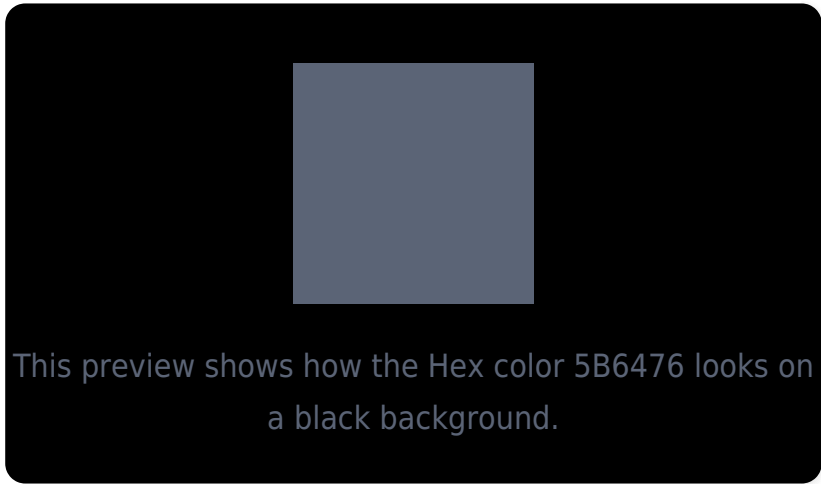
Large Text (above 18pt) WCAG AA ✓ Pass

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

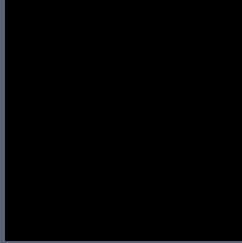
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

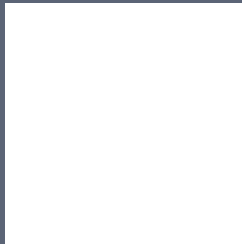
Any Text WCAG AAA × Fail

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

Hex 5B6476 Background



This preview shows how black text looks on a background with the Hex color 5B6476.

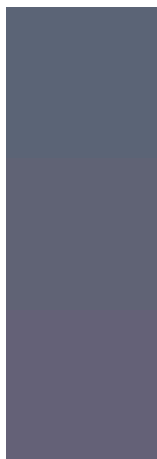


This preview shows how white text looks on a background with the Hex color 5B6476.

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

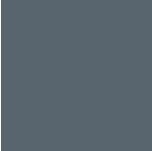
5B6476

Protanopia

606375

Deuteranopia

646177



Tritanopia
59656E

Trichromacy



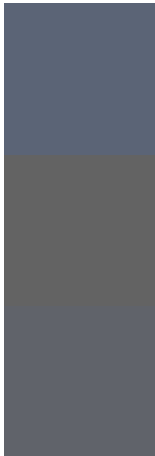
Original Color
5B6476

Protanomaly
5E6375

Deuteranomaly
616277

Tritanomaly
5A6571

Monochromacy



Original Color
5B6476

Achromatopsia
636363

Achromatomaly
60636A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6476 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 #5B6476 looks like.

```
.text, #text, p{  
    color:#5B6476  
}
```

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 #5B6476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6476
}
```

Border

The CSS property to change the border of an element to Hex 5B6476 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
#5B6476 }
```

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

```
.border{ border-color:#5B6476 }
```

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

Here you see how a box with a 4 pixel #5B6476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6476; -webkit-box-shadow:4px 4px  
4px 4px #5B6476; box-shadow:4px 4px 4px  
4px #5B6476 }
```

Background

The CSS property to change the background color of an element to Hex 5B6476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6476 }
```

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

```
.background{ background-color:#5B6476 }
```

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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