

Converting Colors

Hex(5E6684)

Have a look what the booklet for
Hex(5E6684) contains.

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Color

Hex(5E6684)

Conversions

Conversions Part 1

Format	Color
Hex	5E6684
RGB	94, 102, 132
RGB Percent	37%, 40%, 52%
CMY	0.6314, 0.6000, 0.4824
CMYK	0.29, 0.23, 0.00, 0.48
HSL	227°, 17%, 44%
HSV	227°, 29%, 52%
XYZ	13.5323, 13.5484, 23.7317
YIQ	103.0280, -14.3980, 7.6340

Conversions

Conversions Part 2

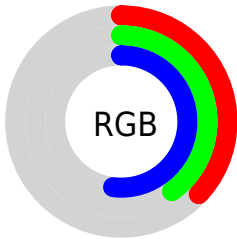
Format	Color
R_{YB}	94, 101, 132
Decimal	6186628
CIE _{Lab}	43.58, 4.28, -17.64
CIE _{LCh}	44, 18.152, 283.645
Yxy	13.5484, 0.2663, 0.2666
Android (android.graphics.Color)	4284376708 (0xFF5E6684)
YUV	103.0280, 14.2832, -7.9176
Hunter-Lab	36.8081, 1.2105, -12.4610

Details

The Hex color **5E6684** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **847C5E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9199B9**, and **2E3752** is the 20% darker color. If you saturate the color by 10%, you get **515C84**, and if you desaturate by 10%, it is **6B7084**.

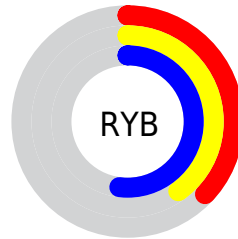
Distribution



Red (37%)

Green (40%)

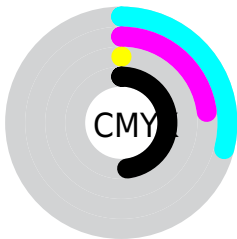
Blue (52%)



Red (37%)

Yellow (40%)

Blue (52%)

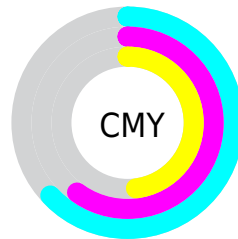


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (48%)



Cyan (63%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E6684 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 5E6684 by changing the saturation by 10% instead.

■ 5E6684

■ 5E6684

FFFFFF

■ 464E6B

■ 9199B9

■ 2E3752

■ ACB4D5

■ 18223B

■ C8CFF1

■ 010C26

■ E4EBFF

■ 00010F

■ 000000

■ 5E6684

■ 5E6684

■ 515C84

■ 6B7084

■ 445184

■ 787B84

■ 364784

■ 868584

■ 293C84

■ 939084

■ 1C3284

■ A09A84

■ 0F2784

■ ADA584

■ 021D84

■ BAAF84

■ 001C84

■ C8B984

■ D5C484

Harmonies

Analogous

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



496B83



5E6684



72617D

Triad

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



5E6684



835F53



496F5E

Complementary

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



5E6684



847C5E

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.



5A6C51



5E6684



79634A

Square

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



5E6684



855C61



6B684A



3C6F6D

Rectangle

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



5E6684



7C5E75



6B684A



4E6E59

Sweetspot

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



5E6684



9B9FAB



5E847C



4D4F57



D6D6D6



575757

Same Dimension

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



5E6684



6F7CAB



695E84



3C3D42



001B82



000103

Inverse Universe

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



845E66



AB6F7C



79845E



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 5E6684 looks on a white background.

Color Contrast Check

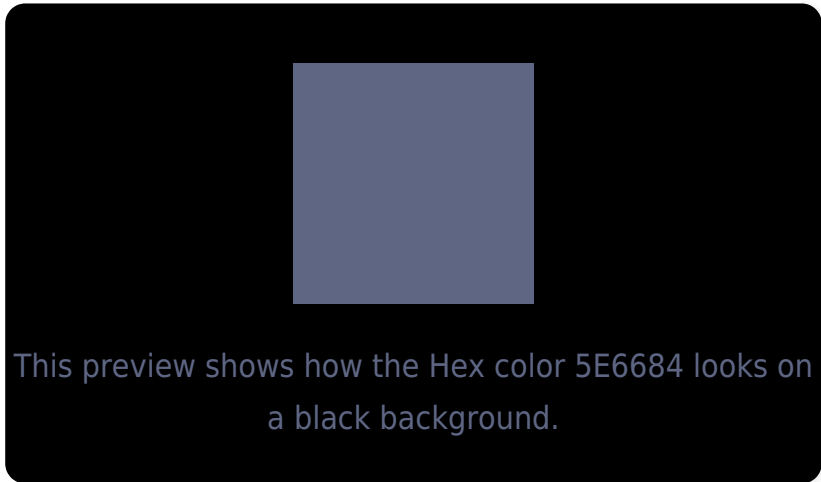
Large Text (above 18pt) WCAG AA ✓ Pass

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

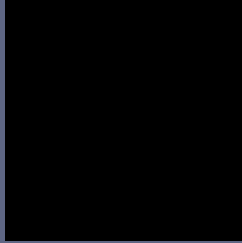
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

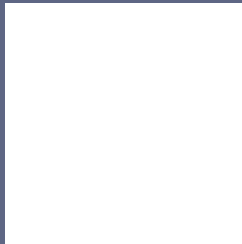
Any Text WCAG AAA × Fail

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

Hex 5E6684 Background



This preview shows how black text looks on a background with the Hex color 5E6684.

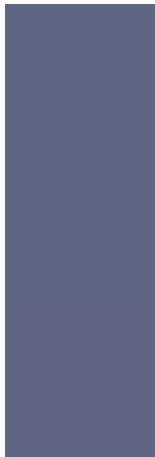


This preview shows how white text looks on a background with the Hex color 5E6684.

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](#).

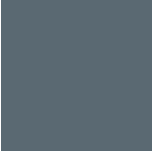
Dichromacy



Original Color
5E6684

Protanopia
5F6684

Deuteranopia
616584



Tritanopia
5A6972

Trichromacy



Original Color
5E6684

Protanomaly
5F6684

Deuteranomaly
606584

Tritanomaly
5B6879

Monochromacy



Original Color
5E6684

Achromatopsia
676767

Achromatomaly
646772

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E6684 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 #5E6684 looks like.

```
.text, #text, p{  
    color:#5E6684  
}
```

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 #5E6684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6684
}
```

Border

The CSS property to change the border of an element to Hex 5E6684 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
#5E6684 }
```

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

```
.border{ border-color:#5E6684 }
```

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

Here you see how a box with a 4 pixel #5E6684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6684; -webkit-box-shadow:4px 4px  
4px 4px #5E6684; box-shadow:4px 4px 4px  
4px #5E6684 }
```

Background

The CSS property to change the background color of an element to Hex 5E6684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6684 }
```

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

```
.background{ background-color:#5E6684 }
```

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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