

Converting Colors

Hex(5D6484)

Have a look what the booklet for
Hex(5D6484) contains.

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Color

Hex(5D6484)

Conversions

Conversions Part 1

Format	Color
Hex	5D6484
RGB	93, 100, 132
RGB Percent	36%, 39%, 52%
CMY	0.6353, 0.6078, 0.4824
CMYK	0.30, 0.24, 0.00, 0.48
HSL	229°, 17%, 44%
HSV	229°, 30%, 52%
XYZ	13.2362, 13.1074, 23.6622
YIQ	101.5550, -14.4440, 8.4680

Conversions

Conversions Part 2

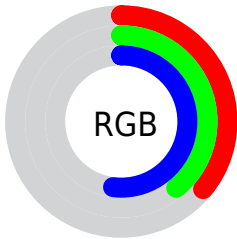
Format	Color
R_{YB}	93, 99, 132
Decimal	6120580
CIE Lab	42.92, 5.18, -18.65
CIE LCh	43, 19.355, 285.525
Yxy	13.1074, 0.2647, 0.2621
Android (android.graphics.Color)	4284310660 (0xFF5D6484)
YUV	101.5550, 15.0094, -7.5027
Hunter-Lab	36.2042, 1.9021, -13.4075

Details

The Hex color **5D6484** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **847D5D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9097B9**, and **2D3652** is the 20% darker color. If you saturate the color by 10%, you get **505984**, and if you desaturate by 10%, it is **6A6F84**.

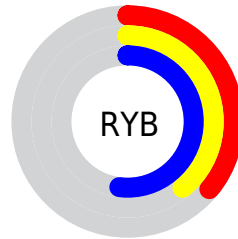
Distribution



Red (36%)

Green (39%)

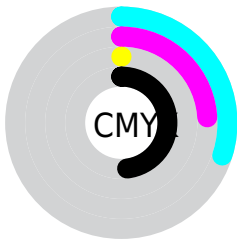
Blue (52%)



Red (36%)

Yellow (39%)

Blue (52%)

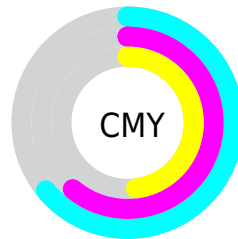


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (48%)



Cyan (64%)

Magenta (61%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D6484 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 5D6484 by changing the saturation by 10% instead.

■ 5D6484

■ 5D6484

FFFFFF

■ 454C6B

■ 9097B9

■ 2D3652

■ ABB1D5

■ 17203B

■ C6CDF1

■ 000926

■ E3E9FF

■ 00010F

■ 000000

■ 5D6484

■ 5D6484

■ 505984

■ 6A6F84

■ 434E84

■ 777A84

■ 354484

■ 858484

■ 283984

■ 928F84

■ 1B2E84

■ 9F9A84

■ 0E2384

■ ACA584

■ 011884

■ B9B084

■ 001884

■ C7BB84

■ D4C584

Harmonies

Analogous

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



466984



5D6484



725E7C

Triad

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



5D6484



825D4F



446E5D

Complementary

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



5D6484



847D5D

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.



566B4F



5D6484



786247

Square

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



5D6484



865A5E



686746



366E6D

Rectangle

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



5D6484



7C5B73



686746



4A6D58

Sweetspot

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



5D6484



9B9EAB



5D847D



4D4F57



D6D6D6



575757

Same Dimension

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



5D6484



6F7AAB



695D84



3C3D42



001782



000003

Inverse Universe

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



845D64



AB6F7A



78845D



423C3D



820017



030000

Previews

White Background



This preview shows how the Hex color 5D6484 looks on a white background.

Color Contrast Check

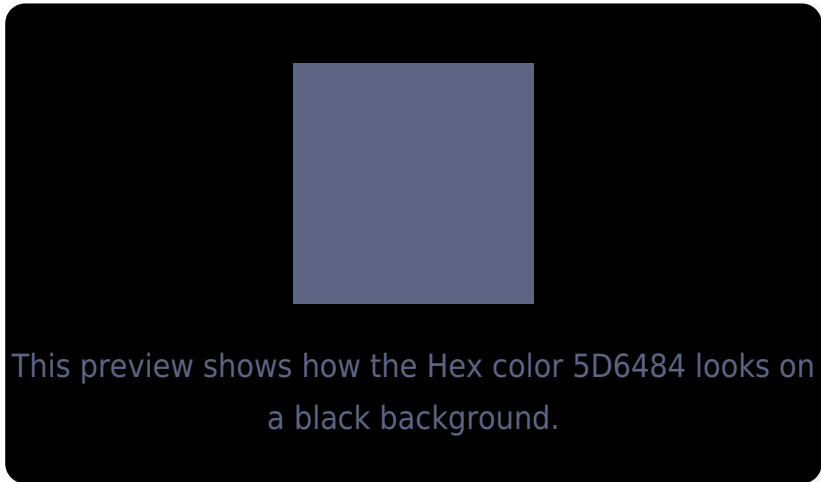
Large Text (above 18pt) WCAG AA ✓ Pass

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

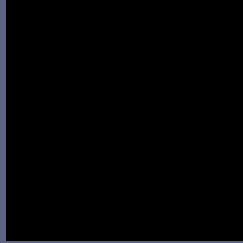
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

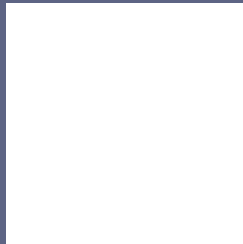
Any Text WCAG AAA × Fail

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

Hex 5D6484 Background



This preview shows how black text looks on a background with the Hex color 5D6484.

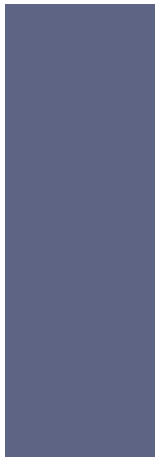


This preview shows how white text looks on a background with the Hex color 5D6484.

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
5D6484

Protanopia
5D6484

Deuteranopia
5E6484



Tritanopia
596870

Trichromacy



Original Color
5D6484

Protanomaly
5D6484

Deuteranomaly
5E6484

Tritanomaly
5A6777

Monochromacy



Original Color
5D6484

Achromatopsia
666666

Achromatomaly
636571

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D6484 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 #5D6484 looks like.

```
.text, #text, p{  
    color:#5D6484  
}
```

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 #5D6484 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D6484
}
```

Border

The CSS property to change the border of an element to Hex 5D6484 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
#5D6484 }
```

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

```
.border{ border-color:#5D6484 }
```

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

Here you see how a box with a 4 pixel #5D6484 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D6484; -webkit-box-shadow:4px 4px  
4px 4px #5D6484; box-shadow:4px 4px 4px  
4px #5D6484 }
```

Background

The CSS property to change the background color of an element to Hex 5D6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D6484 }
```

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

```
.background{ background-color:#5D6484 }
```

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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