

# Converting Colors

Hex(5A6B4C)

Have a look what the booklet for  
Hex(5A6B4C) contains.

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# Color

Hex(5A6B4C)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 5A6B4C                     |
| RGB           | 90, 107, 76                |
| RGB Percent   | 35%, 42%, 30%              |
| CMY           | 0.6471, 0.5804, 0.7020     |
| CMYK          | 0.16, 0.00, 0.29, 0.58     |
| HSL           | 93°, 17%, 36%              |
| HSV           | 93°, 29%, 42%              |
| XYZ           | 10.7787, 13.2109, 8.8193   |
| YIQ           | 98.3830, -0.1810, -13.2450 |

# Conversions

## Conversions Part 2

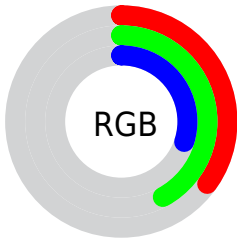
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 76, 107, 93                   |
| Decimal                             | 5925708                       |
| CIELab                              | 43.08, -12.64, 15.33          |
| CIELCh                              | 43, 19.863, 129.502           |
| Yxy                                 | 13.2109, 0.3285,<br>0.4027    |
| Android<br>(android.graphics.Color) | 4284115788<br>(0xFF5A6B4C)    |
| YUV                                 | 98.3830, -11.0348,<br>-7.3519 |
| Hunter-Lab                          | 36.3467, -10.6725,<br>11.0563 |

# Details

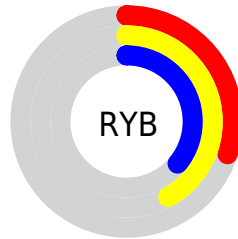
The Hex color **5A6B4C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D4C6B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8C9E7D**, and **2C3C20** is the 20% darker color. If you saturate the color by 10%, you get **546B41**, and if you desaturate by 10%, it is **606B57**.

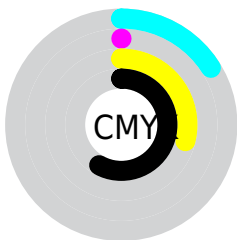
# Distribution



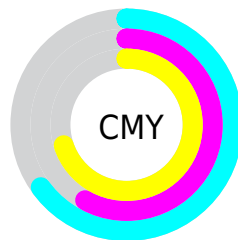
- Red (35%)
- Green (42%)
- Blue (30%)



- Red (30%)
- Yellow (42%)
- Blue (36%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6B4C 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 5A6B4C by changing the saturation by 10% instead.



■ 5A6B4C

■ 5A6B4C

FFFFFF

■ 425335

■ 8C9E7D

■ 2C3C20

■ A7B997

■ 172609

■ C2D5B2

■ 001200

■ DEF1CD

■ 000000

■ FBFEEA

■ 5A6B4C

■ 5A6B4C

■ 546B41

■ 606B57


■ 4E6B37

■ 666B61

 486B2C

 6C6B6C

 436B21

 716B77

 3D6B16

 776B82

 376B0C

 7D6B8C

 316B01

 836B97

 306B00

 896BA2

 8F6BAC

# Harmonies

## Analogous

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



6C6645



5A6B4C



476E5A

# Triad

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



5A6B4C



416B84



865A61

# Complementary

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



5A6B4C



5D4C6B

# 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.



7F5B72



5A6B4C



586686

# Square

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



5A6B4C



336E7A



6F607F



855C52

# Rectangle

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



5A6B4C



3C6F65



6F607F



855A67



# Sweetspot

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



5A6B4C



858C80



6B5D4C



434740



C7C7C7



474747



# Same Dimension

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



5A6B4C



718C5B



4C6B4D



333630



357500



6FF500



# Inverse Universe

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



5D4C6B



765B8C



6B4C6A



333036



400075



8600F5



# Previews

## White Background



This preview shows how the Hex color 5A6B4C looks on a white background.

## Color Contrast Check

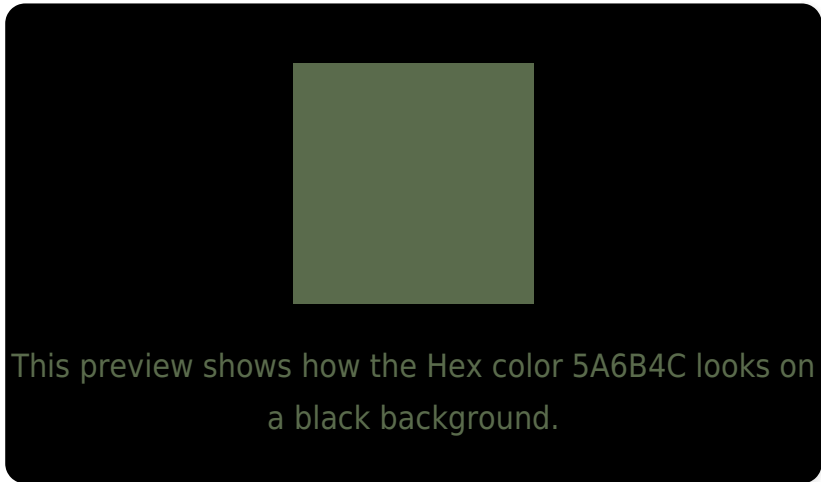
Large Text (above 18pt) WCAG AA ✓ Pass

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

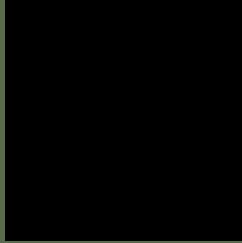
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A6B4C Background



This preview shows how black text looks on a background with the Hex color 5A6B4C.



This preview shows how white text looks on a background with the Hex color 5A6B4C.

# 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](#).

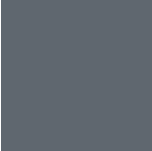
## Dichromacy



**Original Color**  
5A6B4C

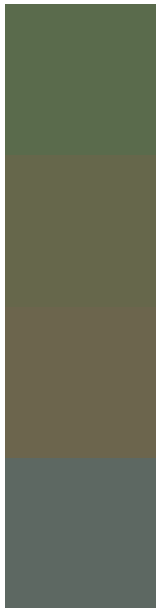
**Protanopia**  
6D654A

**Deuteranopia**  
77614E



**Tritanopia**  
5F676F

# Trichromacy



**Original Color**  
5A6B4C

**Protanomaly**  
66674B

**Deuteranomaly**  
6C654D

**Tritanomaly**  
5D6862

# Monochromacy



**Original Color**  
5A6B4C

**Achromatopsia**  
626262

**Achromatomaly**  
5F655A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6B4C 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 #5A6B4C looks like.

```
.text, #text, p{  
    color:#5A6B4C  
}
```

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 #5A6B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6B4C
}
```

## Border

The CSS property to change the border of an element to Hex 5A6B4C 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
#5A6B4C }
```

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

```
.border{ border-color:#5A6B4C }
```

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

Here you see how a box with a 4 pixel #5A6B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6B4C; -webkit-box-shadow:4px 4px  
4px 4px #5A6B4C; box-shadow:4px 4px 4px  
4px #5A6B4C }
```

# Background

The CSS property to change the background color of an element to Hex 5A6B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6B4C }
```

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

```
.background{ background-color:#5A6B4C }
```

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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