

Converting Colors

Hex(6A5864)

Have a look what the booklet for
Hex(6A5864) contains.

Hex(6A5864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A5864)

Conversions

Conversions Part 1

Format	Color
Hex	6A5864
RGB	106, 88, 100
RGB Percent	42%, 35%, 39%
CMY	0.5843, 0.6549, 0.6078
CMYK	0.00, 0.17, 0.06, 0.58
HSL	320°, 9%, 38%
HSV	320°, 17%, 42%
XYZ	11.7338, 10.9637, 13.5544
YIQ	94.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

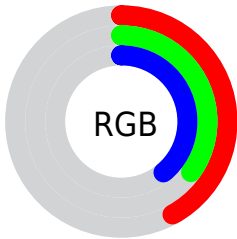
Format	Color
R_{YB}	106, 88, 100
Decimal	6969444
CIE _{Lab}	39.52, 9.66, -4.14
CIE _{LCh}	40, 10.507, 336.797
Yxy	10.9637, 0.3237, 0.3024
Android (android.graphics.Color)	4285159524 (0xFF6A5864)
YUV	94.7500, 2.5882, 9.8663
Hunter-Lab	33.1115, 5.3105, -1.0926

Details

The Hex color **6A5864** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **586A5E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9D8A97**, and **3B2B35** is the 20% darker color. If you saturate the color by 10%, you get **6A4D60**, and if you desaturate by 10%, it is **6A6368**.

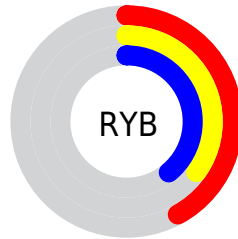
Distribution



Red (42%)

Green (35%)

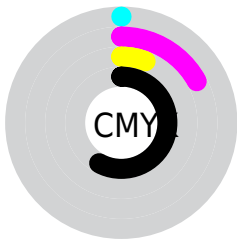
Blue (39%)



Red (42%)

Yellow (35%)

Blue (39%)

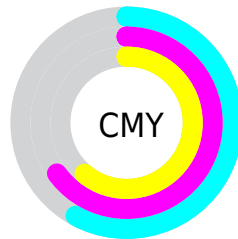


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (58%)



Cyan (58%)

Magenta (65%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5864 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 6A5864 by changing the saturation by 10% instead.

■ 6A5864

■ 6A5864

FFFFFF

■ 52414C

■ 9D8A97

■ 3B2B35

■ B8A4B1

■ 251620

■ D4BFCD

■ 0F0008

■ F0DBE9

■ 000000

■ FFF8FF

■ 6A5864

■ 6A5864

■ 6A4D60

■ 6A6368

■ 6A435D

■ 6A6D6B

6A3859

6A786F

6A2E56

6A8272

6A2352

6A8D76

6A184F

6A9879

6A0E4B

6AA27D

6A0348

6AAD80

6A0047

6AB784

Harmonies

Analogous

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



615A6B



6A5864



6F575B

Triad

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



6A5864



625D4C



476267

Complementary

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



6A5864



586A5E

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.



48625F



6A5864



58604F

Square

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



6A5864



6A5A4E



4F6156



4C606D

Rectangle

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



6A5864



6F5856



4F6156



476264

Sweetspot

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



6A5864



8A8387



5E586A



454143



C4C4C4



454545

Same Dimension

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



6A5864



8A6E81



6A585B



363034



75004E



F500A3

Inverse Universe

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



6A5864



8A6E81



586A67



363034



75004E



F500A3

Previews

White Background



This preview shows how the Hex color 6A5864 looks on a white background.

Color Contrast Check

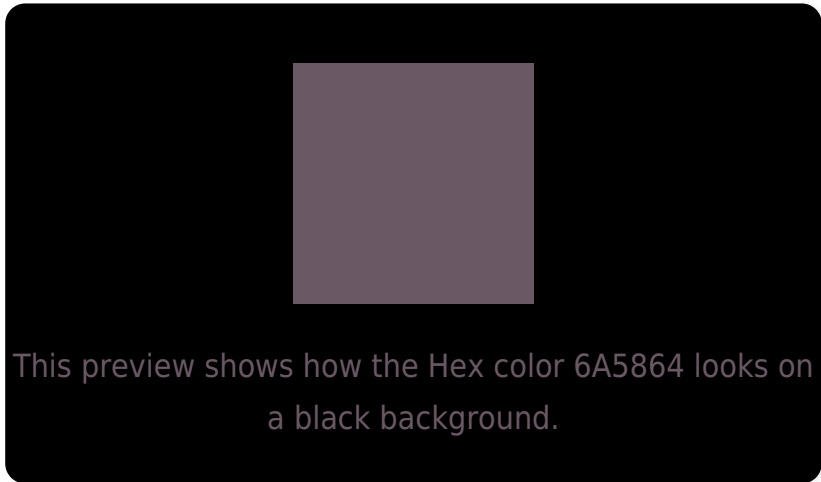
Large Text (above 18pt) WCAG AA ✓ Pass

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

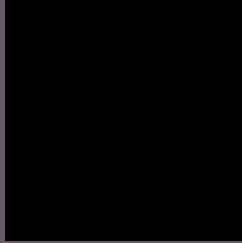
Any Text WCAG AA × Fail

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 6A5864 Background



This preview shows how black text looks on a background with the Hex color 6A5864.



This preview shows how white text looks on a background with the Hex color 6A5864.

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
6A5864

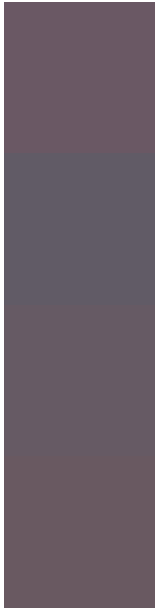
Protanopia
5C5D67

Deuteranopia
635B64



Tritanopia
695960

Trichromacy



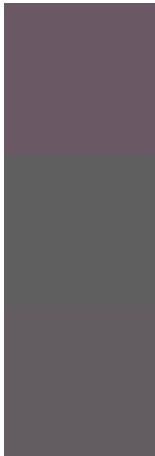
Original Color
6A5864

Protanomaly
615B66

Deuteranomaly
665A64

Tritanomaly
695961

Monochromacy



Original Color
6A5864

Achromatopsia
5F5F5F

Achromatomaly
635C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5864 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 #6A5864 looks like.

```
.text, #text, p{  
    color:#6A5864  
}
```

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 #6A5864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5864
}
```

Border

The CSS property to change the border of an element to Hex 6A5864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

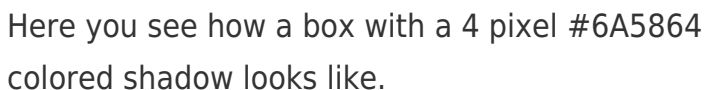
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5864 }
```

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

```
.border{ border-color:#6A5864 }
```

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



Here you see how a box with a 4 pixel #6A5864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5864; -webkit-box-shadow:4px 4px  
4px 4px #6A5864; box-shadow:4px 4px 4px  
4px #6A5864 }
```

Background

The CSS property to change the background color of an element to Hex 6A5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5864 }
```

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

```
.background{ background-color:#6A5864 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor