

# Converting Colors

Hex(60724B)

Have a look what the booklet for  
Hex(60724B) contains.

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**Color**

**Hex(60724B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60724B
RGB	96, 114, 75
RGB Percent	38%, 45%, 29%
CMY	0.6235, 0.5529, 0.7059
CMYK	0.16, 0.00, 0.34, 0.55
HSL	88°, 21%, 37%
HSV	88°, 34%, 45%
XYZ	12.1112, 15.0294, 8.9193
YIQ	104.1720, 1.7910, -15.9450

# Conversions

## Conversions Part 2

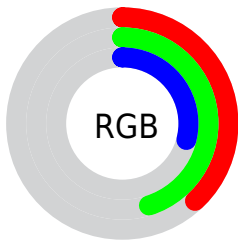
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 114, 93
Decimal	6320715
CIELab	45.67, -14.23, 19.48
CIELCh	46, 24.122, 126.160
Yxy	15.0294, 0.3359, 0.4168
Android (android.graphics.Color)	4284510795 (0xFF60724B)
YUV	104.1720, -14.3818, -7.1668
Hunter-Lab	38.7678, -12.0797, 13.4967

# Details

The Hex color **60724B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D4B72**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **93A67C**, and **31421E** is the 20% darker color. If you saturate the color by 10%, you get **5B7240**, and if you desaturate by 10%, it is **657256**.

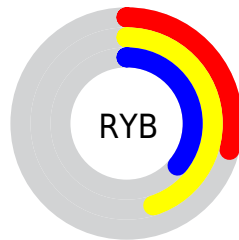
# Distribution



Red (38%)

Green (45%)

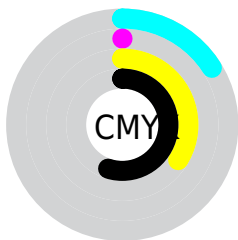
Blue (29%)



Red (29%)

Yellow (45%)

Blue (36%)

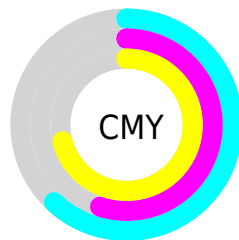


Cyan (16%)

Magenta (0%)

Yellow (34%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60724B 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 60724B by changing the saturation by 10% instead.



 60724B

 60724B

FFFFFF

 485934

 93A67C

 31421E

 AEC196

 1B2C07

 C9DDB1

 001800

 E6FACC

 000000

 FFFF E9

 60724B

 60724B

 5B7240

 657256

 557234

 6B7262

■ 507229

■ 70726D

■ 4B721D

■ 757279

■ 467212

■ 7A7284

■ 407207

■ 80728F

■ 3D7200

■ 85729B

■ 8A72A6

■ 8F72B2

# Harmonies

## Analogous

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



766C44



60724B



48765B

# Triad

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



60724B



387390



935D69

# Complementary

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



60724B



5D4B72

# 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.



895F7D



60724B



576D94

# Square

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



60724B



257683



74658D



925F55

# Rectangle

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



60724B



387769



74658D



915D70



# Sweetspot

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



60724B



8D9485



725D4B



464A41



C9C9C9



4A4A4A



# Same Dimension

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



60724B



789457



4D724B



363832



417800



85F700



# Inverse Universe

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



5D4B72



735794



704B72



353238



370078



7200F7



# Previews

## White Background



This preview shows how the Hex color 60724B looks on a white background.

## Color Contrast Check

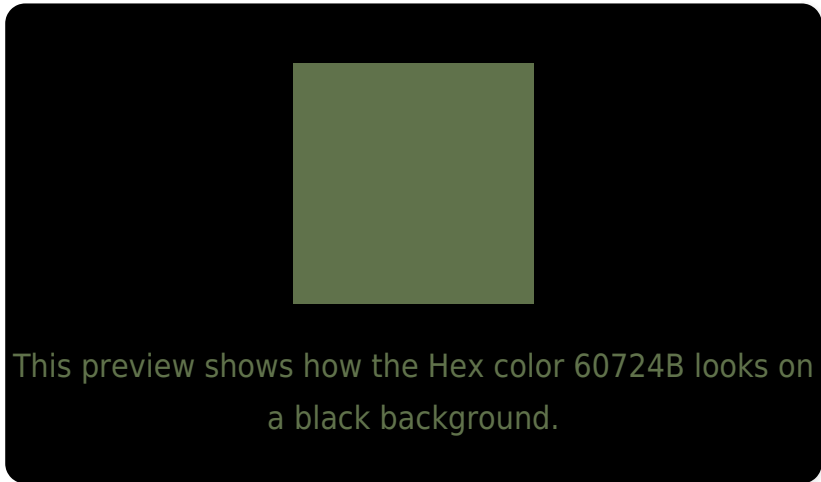
Large Text (above 18pt) WCAG AA ✓ Pass

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

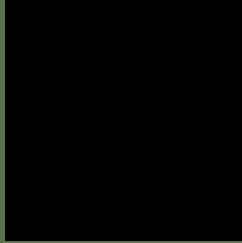
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60724B Background



This preview shows how black text looks on a background with the Hex color 60724B.



This preview shows how white text looks on a background with the Hex color 60724B.

# 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](#).

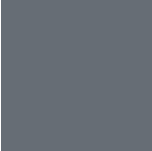
## Dichromacy



**Original Color**  
60724B

**Protanopia**  
756C48

**Deuteranopia**  
80674D



**Tritanopia**  
666D75

# Trichromacy



**Original Color**  
60724B

**Protanomaly**  
6D6E49

**Deuteranomaly**  
746B4C

**Tritanomaly**  
646F66

# Monochromacy



**Original Color**  
60724B

**Achromatopsia**  
686868

**Achromatomaly**  
656C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60724B 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 #60724B looks like.

```
.text, #text, p{  
    color:#60724B  
}
```

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 #60724B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60724B
}
```

## Border

The CSS property to change the border of an element to Hex 60724B 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".

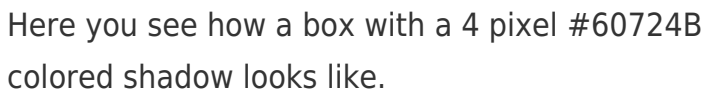
```
.border, #border, table{ border:4px solid
#60724B }
```

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

```
.border{ border-color:#60724B }
```

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

Here you see how a box with a 4 pixel #60724B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60724B; -webkit-box-shadow:4px 4px  
4px 4px #60724B; box-shadow:4px 4px 4px  
4px #60724B }
```

# Background

The CSS property to change the background color of an element to Hex 60724B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60724B }
```

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

```
.background{ background-color:#60724B }
```

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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