

Converting Colors

Hex(66664B)

Have a look what the booklet for
Hex(66664B) contains.

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Color

Hex(66664B)

Conversions

Conversions Part 1

Format	Color
Hex	66664B
RGB	102, 102, 75
RGB Percent	40%, 40%, 29%
CMY	0.6000, 0.6000, 0.7059
CMYK	0.00, 0.00, 0.26, 0.60
HSL	60°, 15%, 35%
HSV	60°, 26%, 40%
XYZ	11.5009, 12.8355, 8.5280
YIQ	98.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

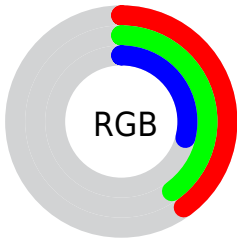
Format	Color
RYB	75, 102, 75
Decimal	6710859
CIELab	42.51, -4.91, 15.32
CIElCh	43, 16.084, 107.780
Yxy	12.8355, 0.3499, 0.3906
Android (android.graphics.Color)	4284900939 (0xFF66664B)
YUV	98.9220, -11.7935, 2.6994
Hunter-Lab	35.8267, -5.3958, 10.9657

Details

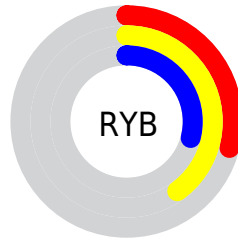
The Hex color **66664B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B4B66**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **99997C**, and **37371F** is the 20% darker color. If you saturate the color by 10%, you get **666641**, and if you desaturate by 10%, it is **666655**.

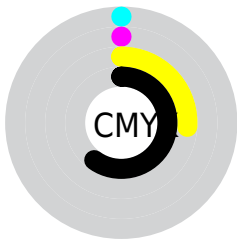
Distribution



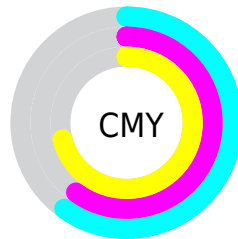
- Red (40%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66664B 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 66664B by changing the saturation by 10% instead.



66664B



66664B

FFFFFF



4E4E34



99997C



37371F



B4B496



212208



D0CFB1



010C00



ECEBCC



000000



FFFFE8



66664B



66664B



666641



666655



666637



66665F

■ 66662C

■ 66666A

■ 666622

■ 666674

■ 666618

■ 66667E

■ 66660E

■ 666688

■ 666604

■ 666692

■ 666600

■ 66669D

■ 6666A7

Harmonies

Analogous

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



73624B



66664B



576952

Triad

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



66664B



406A78



7B5B6A

Complementary

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



66664B



4B4B66

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.



705E76



66664B



4D677E

Square

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



66664B



3F6C6C



5F637D



805B5D

Rectangle

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



66664B



4D6B5A



5F637D



785C6F

Sweetspot

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



66664B



85857A



664B4B



42423C



C2C2C2



424242

Same Dimension

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



66664B



85855A



59664B



33332E



737300



F2F200

Inverse Universe

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



4B4B66



5A5A85



594B66



2E2E33



000073



0000F2

Previews

White Background



This preview shows how the Hex color 66664B looks on a white background.

Color Contrast Check

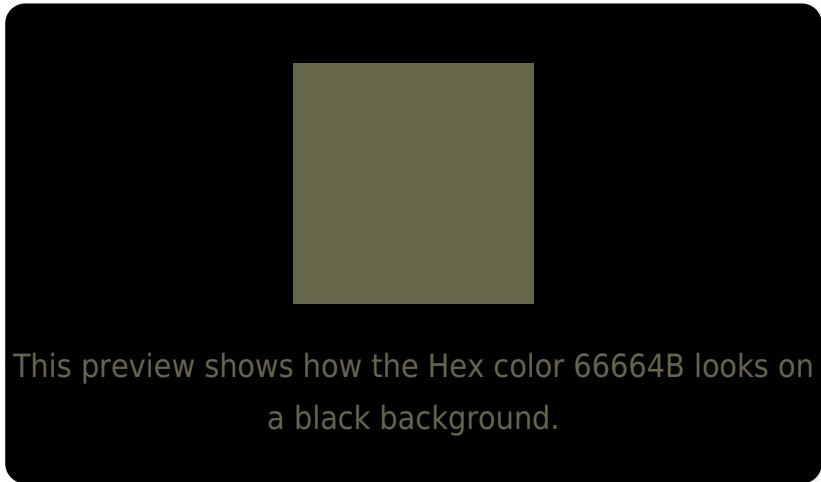
Large Text (above 18pt) WCAG AA ✓ Pass

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

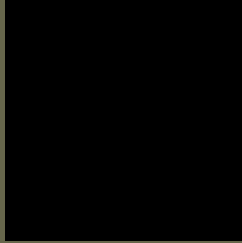
Any Text WCAG AA × Fail

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 66664B Background



This preview shows how black text looks on a background with the Hex color 66664B.



This preview shows how white text looks on a background with the Hex color 66664B.

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](#).

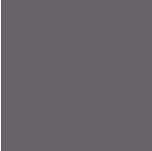
Dichromacy



Original Color
66664B

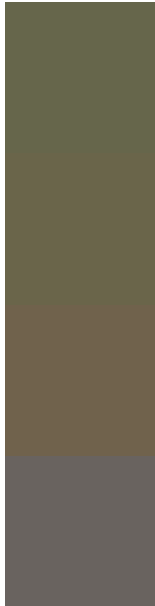
Protanopia
6C644A

Deuteranopia
76604C



Tritanopia
6A626A

Trichromacy



Original Color
66664B

Protanomaly
6A654A

Deuteranomaly
70624C

Tritanomaly
69635F

Monochromacy



Original Color
66664B

Achromatopsia
636363

Achromatomaly
64645A

CSS Examples

Text

The CSS property to change the color of the text to Hex 66664B 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 #66664B looks like.

```
.text, #text, p{  
    color:#66664B  
}
```

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 #66664B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66664B
}
```

Border

The CSS property to change the border of an element to Hex 66664B 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
#66664B }
```

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

```
.border{ border-color:#66664B }
```

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

Here you see how a box with a 4 pixel #66664B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66664B; -webkit-box-shadow:4px 4px  
4px 4px #66664B; box-shadow:4px 4px 4px  
4px #66664B }
```

Background

The CSS property to change the background color of an element to Hex 66664B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66664B }
```

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

```
.background{ background-color:#66664B }
```

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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