

Converting Colors

Hex(64516B)

Have a look what the booklet for
Hex(64516B) contains.

Hex(64516B)	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(64516B)

Conversions

Conversions Part 1

Format	Color
Hex	64516B
RGB	100, 81, 107
RGB Percent	39%, 32%, 42%
CMY	0.6078, 0.6824, 0.5804
CMYK	0.07, 0.24, 0.00, 0.58
HSL	284°, 14%, 37%
HSV	284°, 24%, 42%
XYZ	10.8518, 9.6557, 15.2017
YIQ	89.6450, 2.9780, 12.1140

Conversions

Conversions Part 2

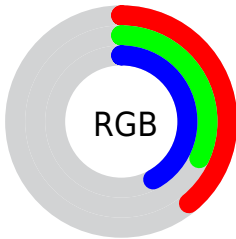
Format	Color
R_{YB}	100, 81, 107
Decimal	6574443
CIE _{Lab}	37.22, 13.18, -12.00
CIE _{LCh}	37, 17.823, 317.677
Yxy	9.6557, 0.3039, 0.2704
Android (android.graphics.Color)	4284764523 (0xFF64516B)
YUV	89.6450, 8.5560, 9.0813
Hunter-Lab	31.0737, 7.9584, -7.2540

Details

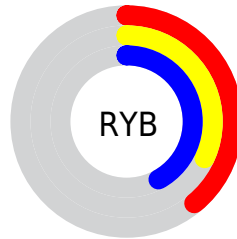
The Hex color **64516B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **586B51**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **97829E**, and **35243C** is the 20% darker color. If you saturate the color by 10%, you get **61466B**, and if you desaturate by 10%, it is **675C6B**.

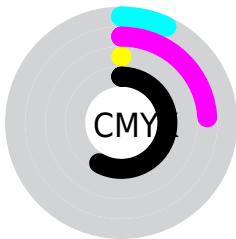
Distribution



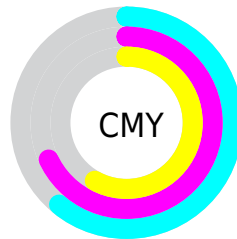
- Red (39%)
- Green (32%)
- Blue (42%)



- Red (39%)
- Yellow (32%)
- Blue (42%)



- Cyan (7%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64516B 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 64516B by changing the saturation by 10% instead.

64516B

64516B

FFFFFF

4C3A53

97829E

35243C

B29DB9

1F1026

CDB7D5

000010

EAD3F1

000000

FFEFFF

64516B

64516B

61466B

675C6B

5E3C6B

6A666B

■ 5B316B

■ 6D716B

■ 58266B

■ 707C6B

■ 561B6B

■ 72876B

■ 53116B

■ 75916B

■ 50066B

■ 789C6B

■ 4E006B

■ 7BA76B

■ 7EB16B

Harmonies

Analogous

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



515673



64516B



704E5E

Triad

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



64516B



67553C



2C6060

Complementary

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



64516B



586B51

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.



385F51



64516B



59593C

Square

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



64516B



715043



495D44



2D5E6C

Rectangle

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



64516B



744D54



495D44



2F605B

Sweetspot

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



64516B



8A828C



51586B



464247



C7C7C7



474747

Same Dimension

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



64516B



81648C



6B5165



343036



560075



B300F5

Inverse Universe

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



6B5158



8C646F



516B57



363032



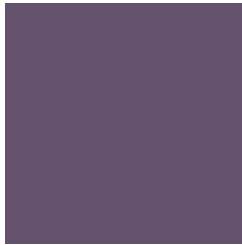
750020



F50042

Previews

White Background



This preview shows how the Hex color 64516B looks on a white background.

Color Contrast Check

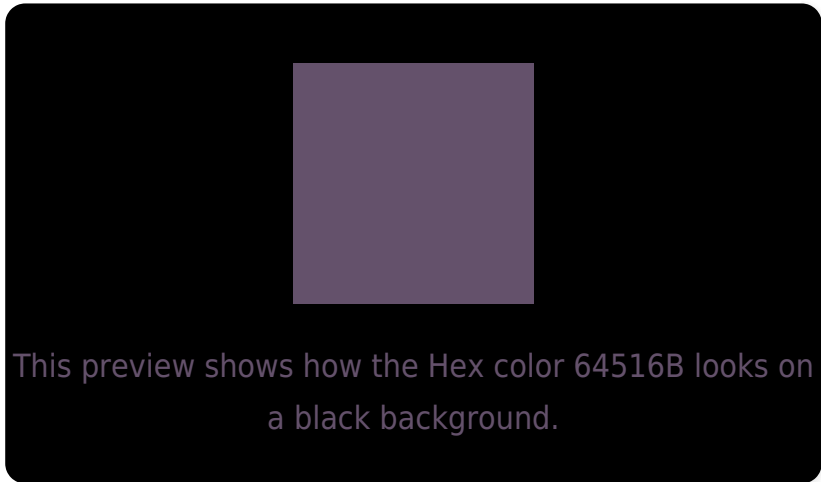
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

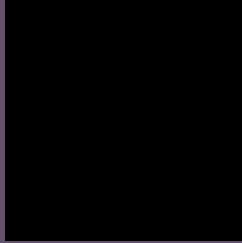
Any Text WCAG AA × Fail

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 64516B Background



This preview shows how black text looks on a background with the Hex color 64516B.



This preview shows how white text looks on a background with the Hex color 64516B.

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
64516B

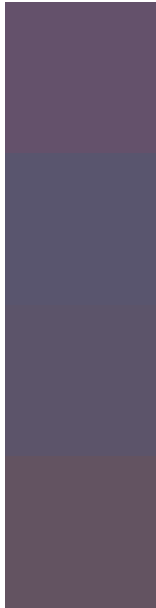
Protanopia
52576F

Deuteranopia
57566A



Tritanopia
62545B

Trichromacy



Original Color
64516B

Protanomaly
59556E

Deuteranomaly
5C546A

Tritanomaly
635361

Monochromacy



Original Color
64516B

Achromatopsia
5A5A5A

Achromatomaly
5E5760

CSS Examples

Text

The CSS property to change the color of the text to Hex 64516B 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 #64516B looks like.

```
.text, #text, p{  
    color:#64516B  
}
```

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 #64516B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64516B
}
```

Border

The CSS property to change the border of an element to Hex 64516B is called "border". The border property can be set on classes, ids or directly on the HTML element.

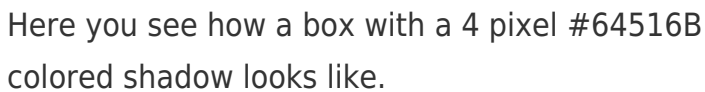
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64516B }
```

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

```
.border{ border-color:#64516B }
```

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



Here you see how a box with a 4 pixel #64516B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64516B; -webkit-box-shadow:4px 4px  
4px 4px #64516B; box-shadow:4px 4px 4px  
4px #64516B }
```

Background

The CSS property to change the background color of an element to Hex 64516B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64516B }
```

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

```
.background{ background-color:#64516B }
```

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