

# Converting Colors

Hex(716584)

Have a look what the booklet for  
Hex(716584) contains.

<b>Hex(716584)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(716584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	716584
RGB	113, 101, 132
RGB Percent	44%, 40%, 52%
CMY	0.5569, 0.6039, 0.4824
CMYK	0.14, 0.23, 0.00, 0.48
HSL	263°, 13%, 46%
HSV	263°, 23%, 52%
XYZ	15.6286, 14.4840, 23.8018
YIQ	108.1220, -2.7990, 12.1850

# Conversions

## Conversions Part 2

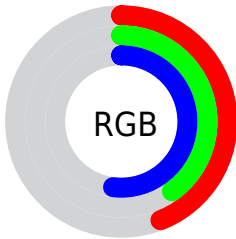
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 101, 132
Decimal	7431556
CIE <sub>Lab</sub>	44.92, 11.34, -15.45
CIE <sub>LCh</sub>	45, 19.163, 306.288
Yxy	14.4840, 0.2899, 0.2686
Android (android.graphics.Color)	4285621636 (0xFF716584)
YUV	108.1220, 11.7719, 4.2780
Hunter-Lab	38.0579, 6.7003, -10.4401

# Details

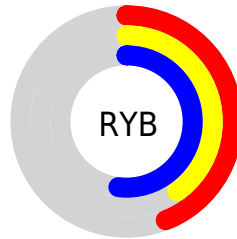
The Hex color **716584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788465**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A598B9**, and **413652** is the 20% darker color. If you saturate the color by 10%, you get **695884**, and if you desaturate by 10%, it is **797284**.

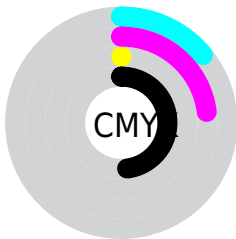
# Distribution



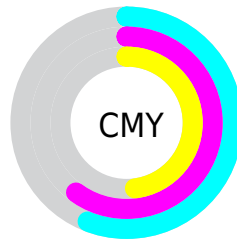
- Red (44%)
- Green (40%)
- Blue (52%)



- Red (44%)
- Yellow (40%)
- Blue (52%)



- Cyan (14%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (56%)
- Magenta (60%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 716584 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 716584 by changing the saturation by 10% instead.



716584

716584

FFFFFF

584D6B

A598B9

413652

C0B3D5

2A213B

DCCEF1

160B26

F9EAF1

00010F

000000

716584

716584

695884

797284

614B84

817F84

593D84

898D84

513084

919A84

492384

99A784

401684

A2B484

380984

AAC184

330084

B2CF84

BADC84

# Harmonies

## Analogous

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



5B6B8A



716584



826077

# Triad

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



716584



81654D



3F736D

# Complementary

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



716584



788465

# 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.



4F725D



716584



726A4A

# Square

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



716584



896058



616F50



3A727D

# Rectangle

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



716584



885F6D



616F50



447368



# Sweetspot

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



716584



A49FAB



657884



525057



D6D6D6



575757



# Same Dimension

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



716584



8E7BAB



806584



3E3C42



320082



010003



# Inverse Universe

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



846578



AB7B98



698465



423C40



820050



030002



# Previews

## White Background



This preview shows how the Hex color 716584 looks on a white background.

## Color Contrast Check

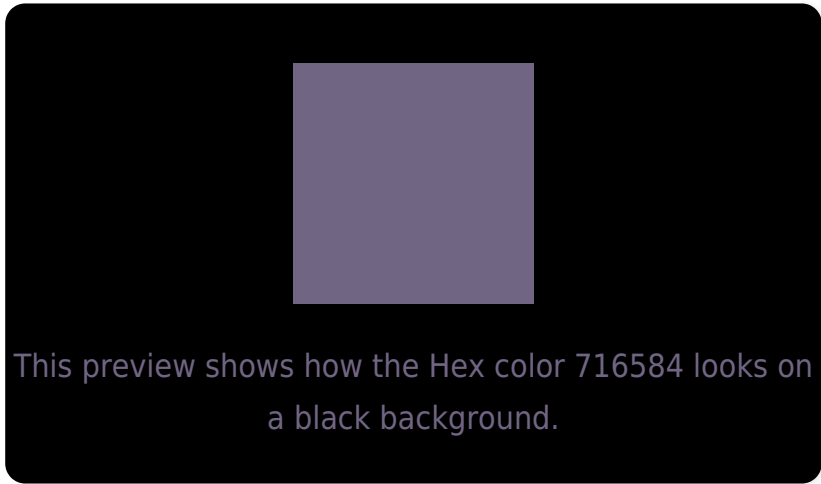
Large Text (above 18pt) WCAG AA ✓ Pass

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

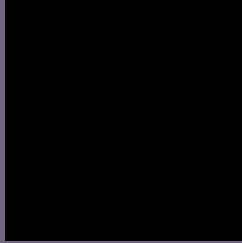
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 716584 Background



This preview shows how black text looks on a background with the Hex color 716584.



This preview shows how white text looks on a background with the Hex color 716584.

# 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**  
716584

**Protanopia**  
636987

**Deuteranopia**  
686883



**Tritanopia**  
6E6971

# Trichromacy



**Original Color**

716584

**Protanomaly**

686886

**Deuteranomaly**

6B6783

**Tritanomaly**

6F6878

# Monochromacy



**Original Color**

716584

**Achromatopsia**

6C6C6C

**Achromatomaly**

6E6975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 716584 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 #716584 looks like.

```
.text, #text, p{  
    color:#716584  
}
```

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 #716584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716584
}
```

## Border

The CSS property to change the border of an element to Hex 716584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

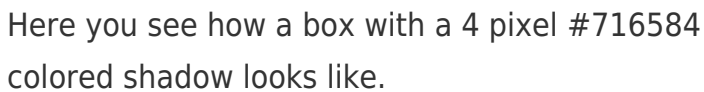
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#716584 }
```

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

```
.border{ border-color:#716584 }
```

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



Here you see how a box with a 4 pixel #716584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716584; -webkit-box-shadow:4px 4px  
4px 4px #716584; box-shadow:4px 4px 4px  
4px #716584 }
```

# Background

The CSS property to change the background color of an element to Hex 716584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716584 }
```

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

```
.background{ background-color:#716584 }
```

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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