

# Converting Colors

Hex(715596)

Have a look what the booklet for  
Hex(715596) contains.

<b>Hex(715596)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(715596)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	715596
RGB	113, 85, 150
RGB Percent	44%, 33%, 59%
CMY	0.5569, 0.6667, 0.4118
CMYK	0.25, 0.43, 0.00, 0.41
HSL	266°, 28%, 46%
HSV	266°, 43%, 59%
XYZ	15.5636, 12.2097, 30.3906
YIQ	100.7820, -4.1770, 26.1510

# Conversions

## Conversions Part 2

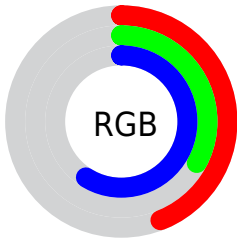
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 85, 150
Decimal	7427478
CIE <sub>Lab</sub>	41.55, 25.49, -31.48
CIE <sub>LCh</sub>	42, 40.512, 308.999
Yxy	12.2097, 0.2676, 0.2099
Android (android.graphics.Color)	4285617558 (0xFF715596)
YUV	100.7820, 24.2645, 10.7152
Hunter-Lab	34.9424, 18.3558, -27.1068

# Details

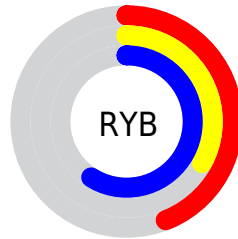
The Hex color **715596** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A9655**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A687CD**, and **3F2763** is the 20% darker color. If you saturate the color by 10%, you get **684696**, and if you desaturate by 10%, it is **7A6496**.

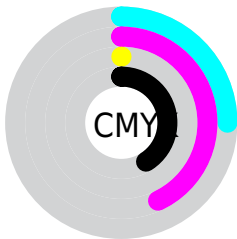
# Distribution



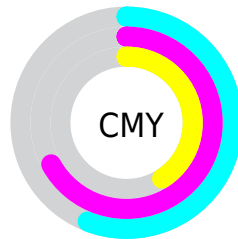
- Red (44%)
- Green (33%)
- Blue (59%)



- Red (44%)
- Yellow (33%)
- Blue (59%)



- Cyan (25%)
- Magenta (43%)
- Yellow (0%)
- Black (41%)



- Cyan (56%)
- Magenta (67%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 715596 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 715596 by changing the saturation by 10% instead.



■ 715596

■ 715596

FFFFFF

■ 583D7C

■ A687CD

■ 3F2763

■ C2A2E9

■ 27114A

■ DEBDFF

■ 140034

■ FBD9FF

■ 00021E

■ FFF5FF

■ 000000

■ 715596

■ 715596

■ 684696

■ 7A6496

■ 603796

■ 827396

572896

8B8296

4F1996

939196

460A96

9CA096

410096

A4AF96

ADBE96

B5CD96

BEDC96

# Harmonies

## Analogous

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



3462A4



715596



92487B

# Triad

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



715596



875822



00726B

# Complementary

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



715596



7A9655

# 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.



007149



715596



6B641B

# Square

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



715596



9A4B3A



476C2B



00718B

# Rectangle

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



715596



9D4465



476C2B



007260



# Sweetspot

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



715596



B3A9C2



557B96



585161



E0E0E0



616161



# Same Dimension

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



715596



885DC2



915596



46434A



3B008A



04000A



# Inverse Universe

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



96557A



C25D96



5A9655



4A4347



8A004E

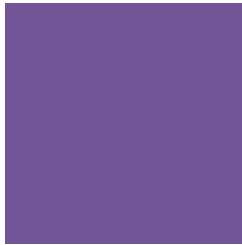


0A0006



# Previews

## White Background



This preview shows how the Hex color 715596 looks on a white background.

## Color Contrast Check

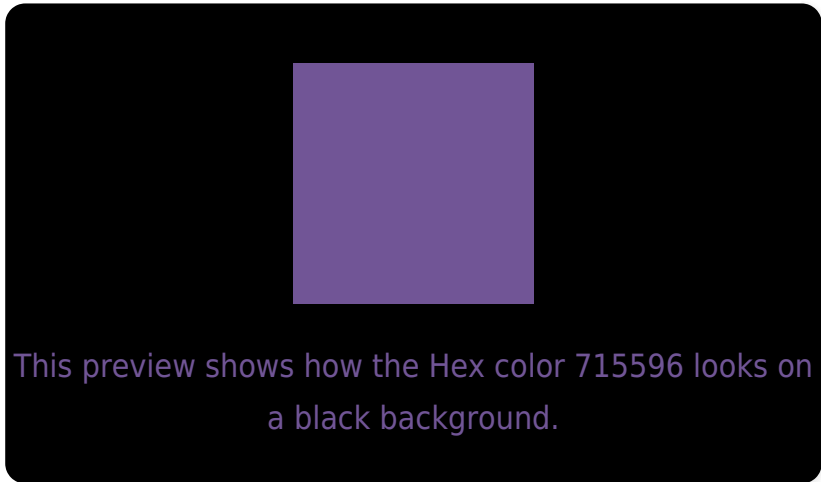
Large Text (above 18pt) WCAG AA ✓ Pass

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

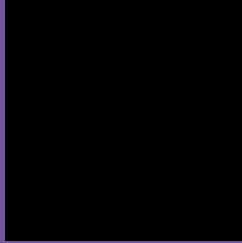
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 715596 Background



This preview shows how black text looks on a background with the Hex color 715596.

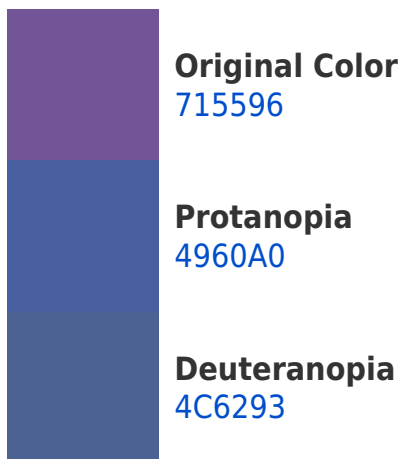


This preview shows how white text looks on a background with the Hex color 715596.

# 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](#).

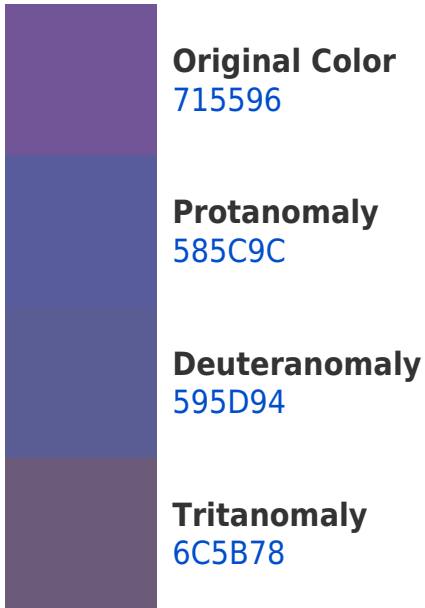
## Dichromacy





**Tritanopia**  
695F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 715596 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 #715596 looks like.

```
.text, #text, p{  
    color:#715596  
}
```

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 #715596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #715596
}
```

## Border

The CSS property to change the border of an element to Hex 715596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

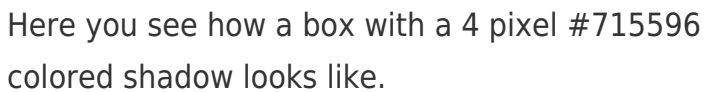
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#715596 }
```

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

```
.border{ border-color:#715596 }
```

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



Here you see how a box with a 4 pixel #715596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #715596; -webkit-box-shadow:4px 4px  
4px 4px #715596; box-shadow:4px 4px 4px  
4px #715596 }
```

# Background

The CSS property to change the background color of an element to Hex 715596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#715596 }
```

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

```
.background{ background-color:#715596 }
```

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