

# Converting Colors

Hex(725D95)

Have a look what the booklet for  
Hex(725D95) contains.

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# Color

Hex(725D95)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725D95
RGB	114, 93, 149
RGB Percent	45%, 36%, 58%
CMY	0.5529, 0.6353, 0.4157
CMYK	0.23, 0.38, 0.00, 0.42
HSL	262°, 23%, 47%
HSV	262°, 38%, 58%
XYZ	16.2786, 13.5760, 30.1962
YIQ	105.6630, -5.4600, 21.8680

# Conversions

## Conversions Part 2

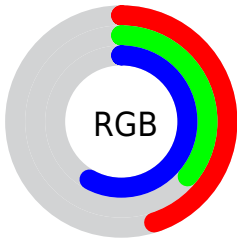
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 93, 149
Decimal	7495061
CIELab	43.62, 20.69, -27.63
CIELCh	44, 34.523, 306.827
Yxy	13.5760, 0.2711, 0.2261
Android (android.graphics.Color)	4285685141 (0xFF725D95)
YUV	105.6630, 21.3651, 7.3115
Hunter-Lab	36.8457, 14.3822, -22.7981

# Details

The Hex color **725D95** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **80955D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A790CB**, and **402F62** is the 20% darker color. If you saturate the color by 10%, you get **694E95**, and if you desaturate by 10%, it is **7B6C95**.

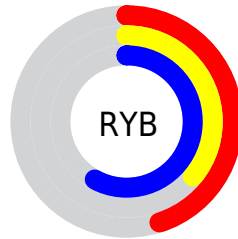
# Distribution



Red (45%)

Green (36%)

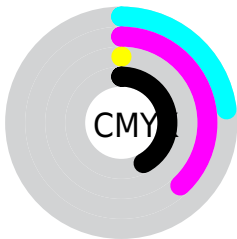
Blue (58%)



Red (45%)

Yellow (36%)

Blue (58%)

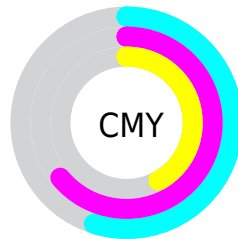


Cyan (23%)

Magenta (38%)

Yellow (0%)

Black (42%)



Cyan (55%)

Magenta (64%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 725D95 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 725D95 by changing the saturation by 10% instead.



725D95

725D95

FFFFFF

59457B

A790CB

402F62

C2AAE8

29194A

DFC5FF

140133

FBE1FF

00021D

FFFEFF

000000

725D95

725D95

694E95

7B6C95

5F3F95

857B95

563095

8E8A95

4D2195

979995

431295

A1A895

3A0495

AAB695

380095

B3C595

BDD495

C6E395

# Harmonies

## Analogous

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



4268A0



725D95



90537E

# Triad

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



725D95



8A5E32



00766D

# Complementary

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



725D95



80955D

# 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.



2C7450



725D95



72682C

# Square

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



725D95



9A5446



536F38



007589

# Rectangle

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



725D95



9A4F6B



536F38



007563



# Sweetspot

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



725D95



B4ACC2



5D8095



595461



E0E0E0



616161



# Same Dimension

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



725D95



8B6BC2



8E5D95



45434A



34008A



04000A



# Inverse Universe

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



955D80



C26BA1



64955D



4A4347



8A0056



0A0006



# Previews

## White Background



This preview shows how the Hex color 725D95 looks on a white background.

## Color Contrast Check

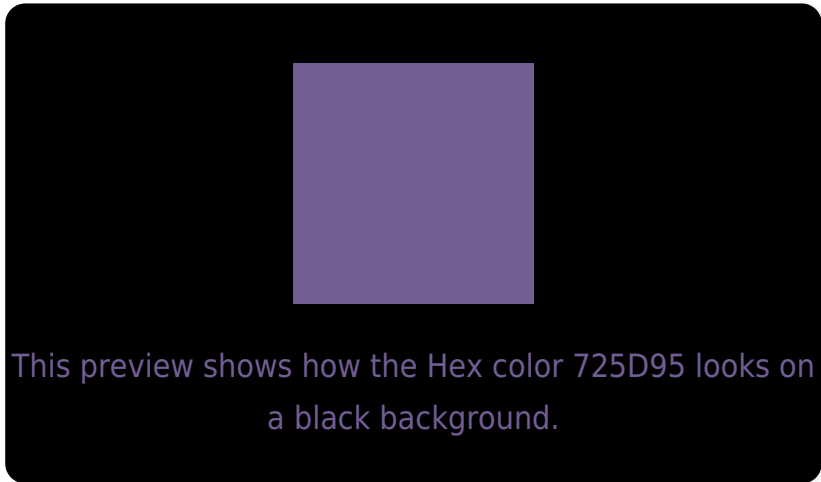
Large Text (above 18pt) WCAG AA ✓ Pass

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

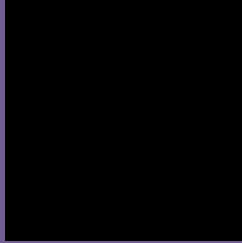
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 725D95 Background



This preview shows how black text looks on a background with the Hex color 725D95.

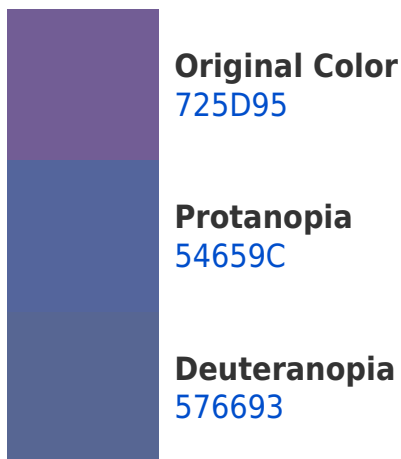



This preview shows how white text looks on a background with the Hex color 725D95.

# 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**  
6B656D

# Trichromacy



**Original Color**  
725D95

**Protanomaly**  
5F6299

**Deuteranomaly**  
616394

**Tritanomaly**  
6E627C

# Monochromacy



**Original Color**  
725D95

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
6D657A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 725D95 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 #725D95 looks like.

```
.text, #text, p{  
  color:#725D95  
}
```

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 #725D95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725D95
}
```

## Border

The CSS property to change the border of an element to Hex 725D95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

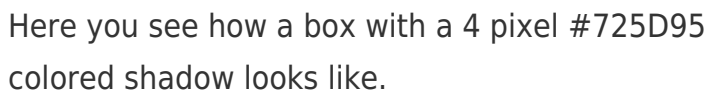
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#725D95 }
```

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

```
.border{ border-color:#725D95 }
```

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



Here you see how a box with a 4 pixel #725D95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725D95; -webkit-box-shadow:4px 4px  
4px 4px #725D95; box-shadow:4px 4px 4px  
4px #725D95 }
```

# Background

The CSS property to change the background color of an element to Hex 725D95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725D95 }
```

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

```
.background{ background-color:#725D95 }
```

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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