

# Converting Colors

Hex(0715DE)

Have a look what the booklet for  
Hex(0715DE) contains.

<b>Hex(0715DE)</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(0715DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0715DE
RGB	7, 21, 222
RGB Percent	3%, 8%, 87%
CMY	0.9725, 0.9176, 0.1294
CMYK	0.97, 0.91, 0.00, 0.13
HSL	236°, 94%, 45%
HSV	236°, 97%, 87%
XYZ	13.5406, 5.8554, 69.5238
YIQ	39.7280, -72.8650, 59.5430

# Conversions

## Conversions Part 2

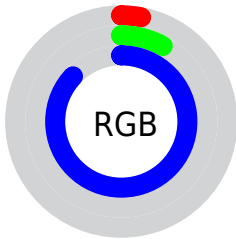
Format	Color
R <sub>Y</sub> B	7, 20, 222
Decimal	464350
CIE Lab	29.04, 66.98, -94.56
CIE LCh	29, 115.877, 305.311
Yxy	5.8554, 0.1523, 0.0659
Android (android.graphics.Color)	4278654430 (0xFF0715DE)
YUV	39.7280, 89.8601, -28.7025
Hunter-Lab	24.1980, 57.5377, -153.4088

# Details

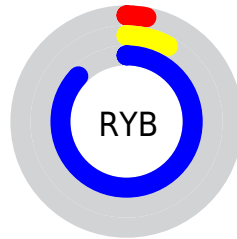
The Hex color **0715DE** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DED007**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **704CFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **000EDE**, and if you desaturate by 10%, it is **1D2ADE**.

# Distribution



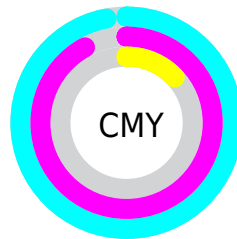
- Red (3%)
- Green (8%)
- Blue (87%)



- Red (3%)
- Yellow (8%)
- Blue (87%)



- Cyan (97%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (97%)
- Magenta (92%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0715DE 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 0715DE by changing the saturation by 10% instead.



0715DE

0715DE

FFFFFF

0000C1

704CFF

0000A5

9266FF

00008A

B381FF

00056F

D39CFF

000C55

F3B8FF

00063D

FFD4FF

000326

FFF1FF

00010F

000000

■ 0715DE

■ 0715DE

■ 000EDE

■ 1D2ADE

■ 333FDE

■ 4A53DE

■ 6068DE

■ 767DDE

■ 8C92DE

■ A2A6DE

■ B9BBDE

■ CFD0DE

# Harmonies

## Analogous

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



0053FF



0715DE



B00092

# Triad

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



0715DE



8C0F00



005E53

# Complementary

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



0715DE



DED007

# 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.



005B00



0715DE



464800

# Square

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



0715DE



BC0000



005700



0061AE

# Rectangle

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



0715DE



CB0057



005700



005D34



# Sweetspot

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



0715DE



B5BAFF



07DED0



535680



000000



808080



# Same Dimension

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



0715DE



0011FF



6407DE



656670



000BB0



000330



# Inverse Universe

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



DE0715



FF0011



81DE07



706566



B0000B

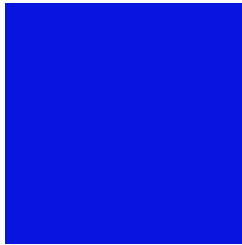


300003



# Previews

## White Background



This preview shows how the Hex color 0715DE looks on a white background.

## Color Contrast Check

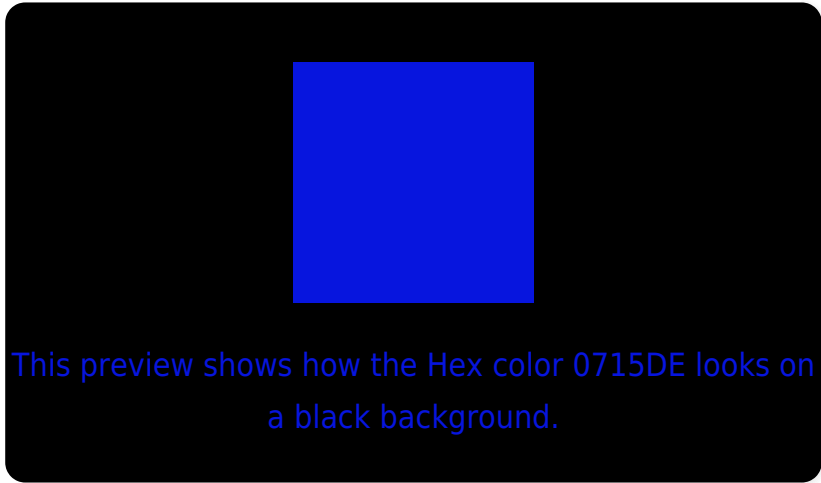
Large Text (above 18pt) WCAG AA ✓ Pass

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

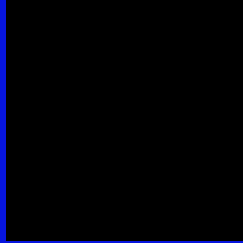
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0715DE Background



This preview shows how black text looks on a background with the Hex color 0715DE.



This preview shows how white text looks on a background with the Hex color 0715DE.

# 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**  
0715DE

**Protanopia**  
00428B

**Deuteranopia**  
004776



# Trichromacy



**Original Color**  
0715DE

**Protanomaly**  
0332A9

**Deuteranomaly**  
03359C

**Tritanomaly**  
033984

# Monochromacy



**Original Color**  
0715DE

**Achromatopsia**  
282828

**Achromatomaly**  
1C216A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0715DE 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 #0715DE looks like.

```
.text, #text, p{  
    color:#0715DE  
}
```

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 #0715DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0715DE
}
```

## Border

The CSS property to change the border of an element to Hex 0715DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

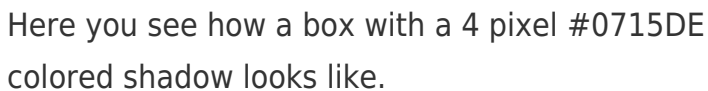
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0715DE }
```

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

```
.border{ border-color:#0715DE }
```

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



Here you see how a box with a 4 pixel #0715DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0715DE; -webkit-box-shadow:4px 4px  
4px 4px #0715DE; box-shadow:4px 4px 4px  
4px #0715DE }
```

# Background

The CSS property to change the background color of an element to Hex 0715DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0715DE }
```

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

```
.background{ background-color:#0715DE }
```

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