

Converting Colors

Hex(615391)

Have a look what the booklet for
Hex(615391) contains.

Hex(615391)	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(615391)

Conversions

Conversions Part 1

Format	Color
Hex	615391
RGB	97, 83, 145
RGB Percent	38%, 33%, 57%
CMY	0.6196, 0.6745, 0.4314
CMYK	0.33, 0.43, 0.00, 0.43
HSL	254°, 27%, 45%
HSV	254°, 43%, 57%
XYZ	13.1339, 10.7722, 28.1751
YIQ	94.2540, -11.5580, 22.2500

Conversions

Conversions Part 2

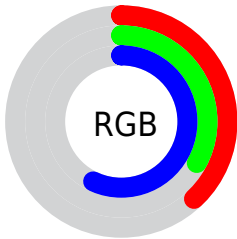
Format	Color
R_{YB}	97, 83, 145
Decimal	6378385
CIE _{Lab}	39.19, 20.59, -32.29
CIE _{LCh}	39, 38.292, 302.528
Yxy	10.7722, 0.2522, 0.2068
Android (android.graphics.Color)	4284568465 (0xFF615391)
YUV	94.2540, 25.0178, 2.4082
Hunter-Lab	32.8211, 13.9926, -27.9224

Details

The Hex color **615391** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **839153**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9585C7**, and **2F265E** is the 20% darker color. If you saturate the color by 10%, you get **564591**, and if you desaturate by 10%, it is **6C6291**.

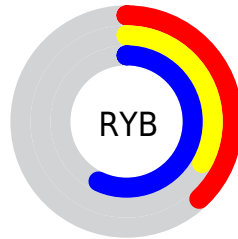
Distribution



Red (38%)

Green (33%)

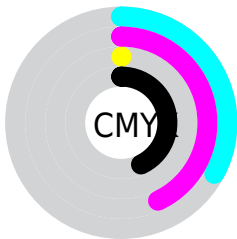
Blue (57%)



Red (38%)

Yellow (33%)

Blue (57%)

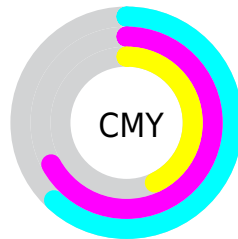


Cyan (33%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 615391 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 615391 by changing the saturation by 10% instead.

615391

615391

FFFFFF

483C77

9585C7

2F265E

B19FE3

161146

CDBAFF

000030

E9D6FF

00011A

FFF2FF

000000

615391

615391

564591

6C6291

4B3691

777091

■ 3F2791

■ 837F91

■ 341991

■ 8E8D91

■ 290B91

■ 999B91

■ 210091

■ A4AA91

■ B0B991

■ BBC791

■ C6D591

Harmonies

Analogous

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



1D5F9B



615391



84467A

Triad

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



615391



845024



006C5E

Complementary

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



615391



839153

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.



1C693E



615391



6B5C1A

Square

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



615391



93453D



4B6425



006B7D

Rectangle

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



615391



914165



4B6425



006B53

Sweetspot

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



615391



AAA4BD



538491



534F5E



DEDEDE



5E5E5E

Same Dimension

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



615391



725CBD



7F5391



424047



1F0087



020008

Inverse Universe

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



915383



BD5CA7



659153



474046



870069



080006

Previews

White Background



This preview shows how the Hex color 615391 looks on a white background.

Color Contrast Check

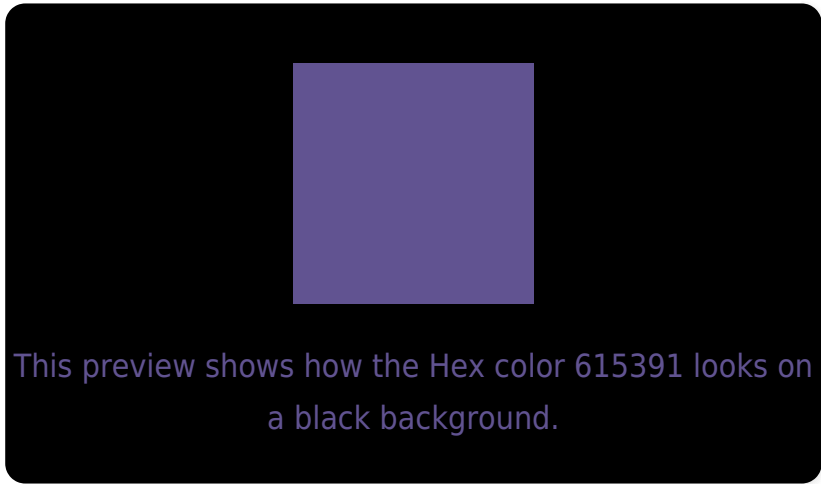
Large Text (above 18pt) WCAG AA ✓ Pass

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

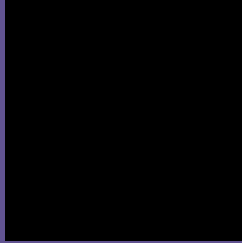
Any Text WCAG AA × Fail

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 615391 Background



This preview shows how black text looks on a background with the Hex color 615391.



This preview shows how white text looks on a background with the Hex color 615391.

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
615391

Protanopia
445A98

Deuteranopia
425C8F



Tritanopia
585D64

Trichromacy



Original Color
615391

Protanomaly
4F5795

Deuteranomaly
4D5990

Tritanomaly
5B5974

Monochromacy



Original Color
615391

Achromatopsia
5E5E5E

Achromatomaly
5F5A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 615391 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 #615391 looks like.

```
.text, #text, p{  
    color:#615391  
}
```

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 #615391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615391
}
```

Border

The CSS property to change the border of an element to Hex 615391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

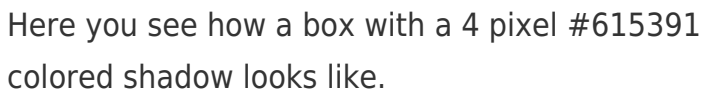
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#615391 }
```

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

```
.border{ border-color:#615391 }
```

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



Here you see how a box with a 4 pixel #615391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615391; -webkit-box-shadow:4px 4px  
4px 4px #615391; box-shadow:4px 4px 4px  
4px #615391 }
```

Background

The CSS property to change the background color of an element to Hex 615391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615391 }
```

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

```
.background{ background-color:#615391 }
```

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