

Converting Colors

Hex(645591)

Have a look what the booklet for
Hex(645591) contains.

Hex(645591)	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(645591)

Conversions

Conversions Part 1

Format	Color
Hex	645591
RGB	100, 85, 145
RGB Percent	39%, 33%, 57%
CMY	0.6078, 0.6667, 0.4314
CMYK	0.31, 0.41, 0.00, 0.43
HSL	255°, 26%, 45%
HSV	255°, 41%, 57%
XYZ	13.6149, 11.2507, 28.2421
YIQ	96.3250, -10.3200, 21.8400

Conversions

Conversions Part 2

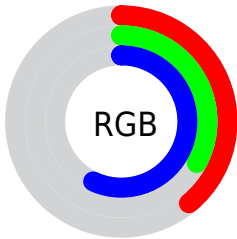
Format	Color
R_{YB}	100, 85, 145
Decimal	6575505
CIE _{Lab}	40.00, 20.24, -31.00
CIE _{LCh}	40, 37.019, 303.139
Yxy	11.2507, 0.2564, 0.2118
Android (android.graphics.Color)	4284765585 (0xFF645591)
YUV	96.3250, 23.9968, 3.2230
Hunter-Lab	33.5420, 13.7555, -26.4423

Details

The Hex color **645591** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829155**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9887C7**, and **32285E** is the 20% darker color. If you saturate the color by 10%, you get **594691**, and if you desaturate by 10%, it is **6F6391**.

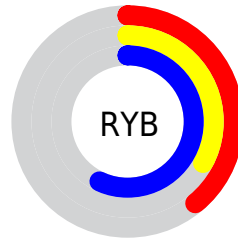
Distribution



Red (39%)

Green (33%)

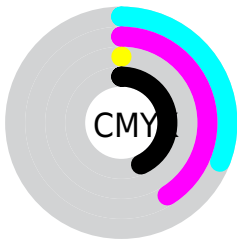
Blue (57%)



Red (39%)

Yellow (33%)

Blue (57%)

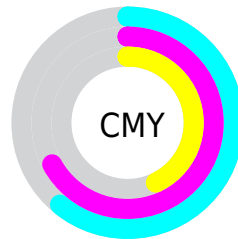


Cyan (31%)

Magenta (41%)

Yellow (0%)

Black (43%)



Cyan (61%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645591 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 645591 by changing the saturation by 10% instead.

■ 645591

■ 645591

FFFFFF

■ 4B3E77

■ 9887C7

■ 32285E

■ B4A1E3

■ 1A1346

■ D0BCFF

■ 080030

■ ECD8FF

■ 00011A

■ FFF4FF

■ 000000

■ 645591

■ 645591

■ 594691

■ 6F6391

■ 4E3891

■ 7A7291

432A91

858191

391B91

908F91

2E0C91

9A9E91

240091

A5AC91

B0BB91

BBC991

C6D891

Harmonies

Analogous

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



28609B



645591



86497A

Triad

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



645591



855328



006D61

Complementary

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



645591



829155

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.



216B42



645591



6C5E1E

Square

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



645591



94483F



4D6629



006C7E

Rectangle

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



645591



924467



4D6629



006D56

Sweetspot

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



645591



ACA6BD



558291



54515E



DEDEDE



5E5E5E

Same Dimension

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



645591



765EBD



825591



424047



220087



020008

Inverse Universe

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



915582



BD5EA5



649155



474046



870065



080006

Previews

White Background



This preview shows how the Hex color 645591 looks on a white background.

Color Contrast Check

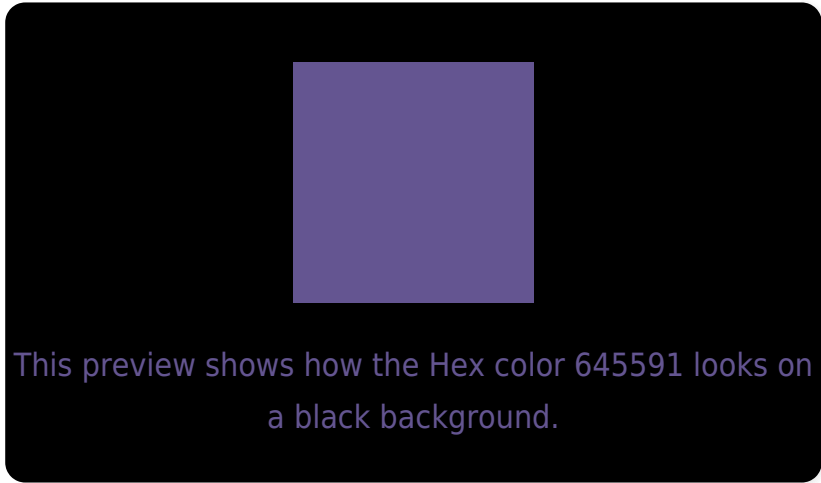
Large Text (above 18pt) WCAG AA ✓ Pass

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

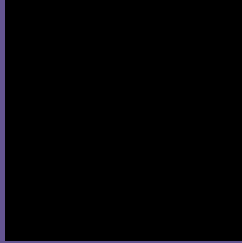
Any Text WCAG AA × Fail

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 645591 Background



This preview shows how black text looks on a background with the Hex color 645591.

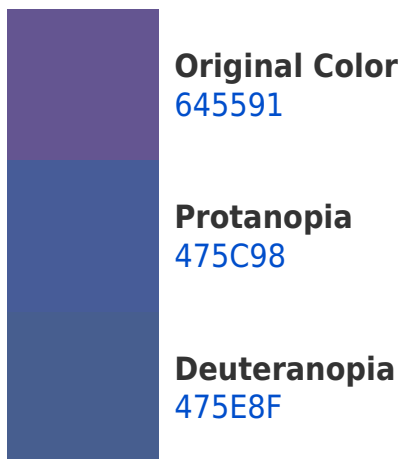



This preview shows how white text looks on a background with the Hex color 645591.

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
5B5E66

Trichromacy



Original Color
645591

Protanomaly
525995

Deuteranomaly
525B90

Tritanomaly
5E5B76

Monochromacy



Original Color
645591

Achromatopsia
606060

Achromatomaly
615C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 645591 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 #645591 looks like.

```
.text, #text, p{  
    color:#645591  
}
```

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 #645591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645591
}
```

Border

The CSS property to change the border of an element to Hex 645591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

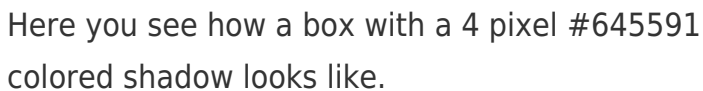
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645591 }
```

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

```
.border{ border-color:#645591 }
```

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



Here you see how a box with a 4 pixel #645591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645591; -webkit-box-shadow:4px 4px  
4px 4px #645591; box-shadow:4px 4px 4px  
4px #645591 }
```

Background

The CSS property to change the background color of an element to Hex 645591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645591 }
```

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

```
.background{ background-color:#645591 }
```

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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