

# Converting Colors

Hex(64305D)

Have a look what the booklet for  
Hex(64305D) contains.

<b>Hex(64305D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(64305D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64305D
RGB	100, 48, 93
RGB Percent	39%, 19%, 36%
CMY	0.6078, 0.8118, 0.6353
CMYK	0.00, 0.52, 0.07, 0.61
HSL	308°, 35%, 29%
HSV	308°, 52%, 39%
XYZ	8.2883, 5.6135, 11.0026
YIQ	68.6780, 16.5470, 25.0190

# Conversions

## Conversions Part 2

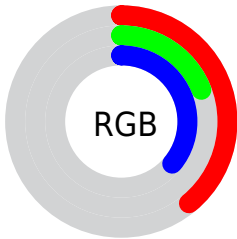
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 48, 93
Decimal	6565981
CIE <sub>Lab</sub>	28.42, 30.28, -16.58
CIE <sub>LCh</sub>	28, 34.517, 331.299
Yxy	5.6135, 0.3328, 0.2254
Android (android.graphics.Color)	4284756061 (0xFF64305D)
YUV	68.6780, 11.9907, 27.4694
Hunter-Lab	23.6929, 20.9803, -10.9483

# Details

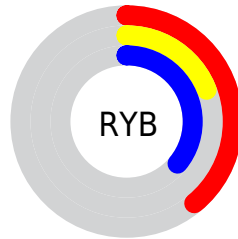
The Hex color **64305D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306437**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **98608F**, and **33012F** is the 20% darker color. If you saturate the color by 10%, you get **64265C**, and if you desaturate by 10%, it is **643A5E**.

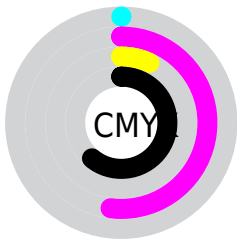
# Distribution



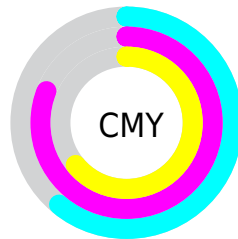
- Red (39%)
- Green (19%)
- Blue (36%)



- Red (39%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (52%)
- Yellow (7%)
- Black (61%)



- Cyan (61%)
- Magenta (81%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64305D 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 64305D by changing the saturation by 10% instead.



64305D

64305D

FFFFFF

4B1945

98608F

33012F

B47AAA

1F001A

CF94C5

000000

ECAFE1

FFCBFE

FFE7FF

64305D

64305D

64265C

643A5E

641C5A

644460

641259

644E61

640858

645862

640057

646264

646C65

647666

648068

648A69

# Harmonies

## Analogous

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



453B71



64305D



722A43

# Triad

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



64305D



504207



004F5E

# Complementary

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



64305D



306437

# 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.



005043



64305D



354911

# Square

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



64305D



653813



074E28



004C71

# Rectangle

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



64305D



732B31



074E28



005056



# Sweetspot

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



64305D



826D7F



373064



423641



C2C2C2



424242



# Same Dimension

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



64305D



823177



643043



332E32



730063



F200D2



# Inverse Universe

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



64305D



823177



306451



332E32



730063

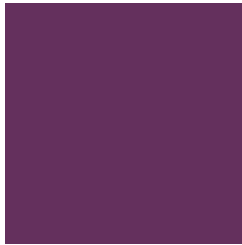


F200D2



# Previews

## White Background



This preview shows how the Hex color 64305D looks on a white background.

## Color Contrast Check

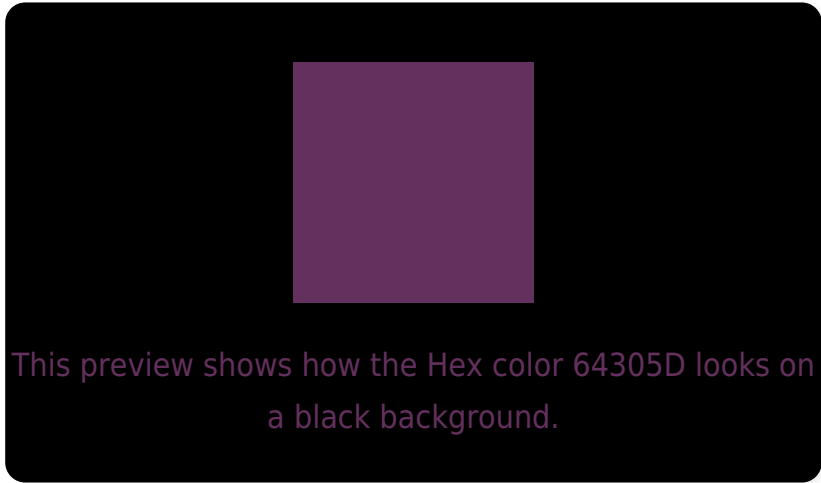
Large Text (above 18pt) WCAG AA ✓ Pass

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

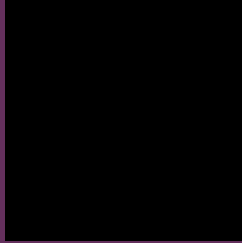
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64305D Background



This preview shows how black text looks on a background with the Hex color 64305D.



This preview shows how white text looks on a background with the Hex color 64305D.

# 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**  
64305D

**Protanopia**  
34426C

**Deuteranopia**  
3E435A



**Tritanopia**  
60383C

# Trichromacy



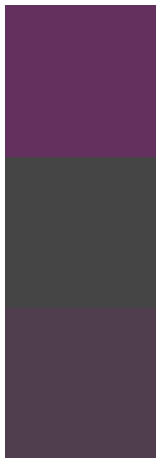
**Original Color**  
64305D

**Protanomaly**  
453B67

**Deuteranomaly**  
4C3C5B

**Tritanomaly**  
613548

# Monochromacy



**Original Color**  
64305D

**Achromatopsia**  
454545

**Achromatomaly**  
503D4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64305D 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 #64305D looks like.

```
.text, #text, p{  
    color:#64305D  
}
```

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 #64305D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64305D
}
```

## Border

The CSS property to change the border of an element to Hex 64305D is called "border". The border property can be set on classes, ids or directly on the HTML element.

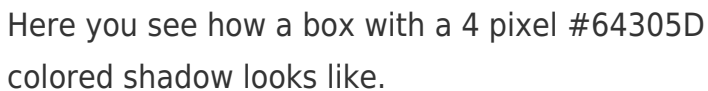
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64305D }
```

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

```
.border{ border-color:#64305D }
```

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



Here you see how a box with a 4 pixel #64305D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64305D; -webkit-box-shadow:4px 4px  
4px 4px #64305D; box-shadow:4px 4px 4px  
4px #64305D }
```

# Background

The CSS property to change the background color of an element to Hex 64305D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64305D }
```

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

```
.background{ background-color:#64305D }
```

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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