

# Converting Colors

Hex(66325B)

Have a look what the booklet for  
Hex(66325B) contains.

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# Color

**Hex(66325B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66325B
RGB	102, 50, 91
RGB Percent	40%, 20%, 36%
CMY	0.6000, 0.8039, 0.6431
CMYK	0.00, 0.51, 0.11, 0.60
HSL	313°, 34%, 30%
HSV	313°, 51%, 40%
XYZ	8.5084, 5.8613, 10.5804
YIQ	70.2220, 17.8310, 23.7750

# Conversions

## Conversions Part 2

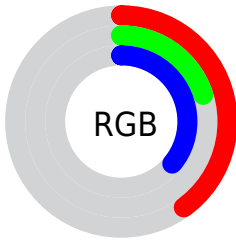
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 50, 91
Decimal	6697563
CIE <sub>Lab</sub>	29.06, 29.45, -14.26
CIE <sub>LCh</sub>	29, 32.717, 334.162
Yxy	5.8613, 0.3410, 0.2349
Android (android.graphics.Color)	4284887643 (0xFF66325B)
YUV	70.2220, 10.2436, 27.8693
Hunter-Lab	24.2102, 20.3643, -8.9641

# Details

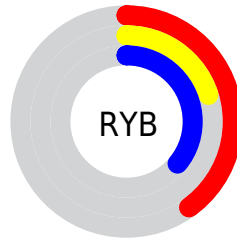
The Hex color **66325B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **32663D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9A628D**, and **35032D** is the 20% darker color. If you saturate the color by 10%, you get **662859**, and if you desaturate by 10%, it is **663C5D**.

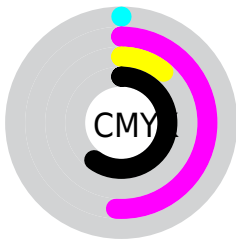
# Distribution



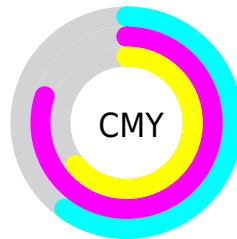
- Red (40%)
- Green (20%)
- Blue (36%)



- Red (40%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (11%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66325B 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 66325B by changing the saturation by 10% instead.



 66325B

 66325B

FFFFFF

 4D1B43

 9A628D

 35032D

 B67CA8

 220019

 D296C3

 000000

 EEB1DF

 FFCDFC

 FFE9FF

 66325B

 66325B

 662859

 663C5D

661E57

66465F

661355

665161

660952

665B64

660050

666566

666F68

66796A

66846C

668E6E

# Harmonies

## Analogous

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



4A3C6F



66325B



722D42

# Triad

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



66325B



4F440D



005060

# Complementary

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



66325B



32663D

# 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.



005147



66325B



354B18

# Square

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



66325B



633B16



094F2D



004D72

# Rectangle

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



66325B



722F31



094F2D



005158



# Sweetspot

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



66325B



857180



3C3266



423640



C2C2C2



424242



# Same Dimension

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



66325B



853473



663242



332E32



73005A



F200BF



# Inverse Universe

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



66325B



853473



326656



332E32



73005A

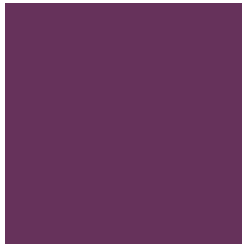


F200BF



# Previews

## White Background



This preview shows how the Hex color 66325B looks on a white background.

## Color Contrast Check

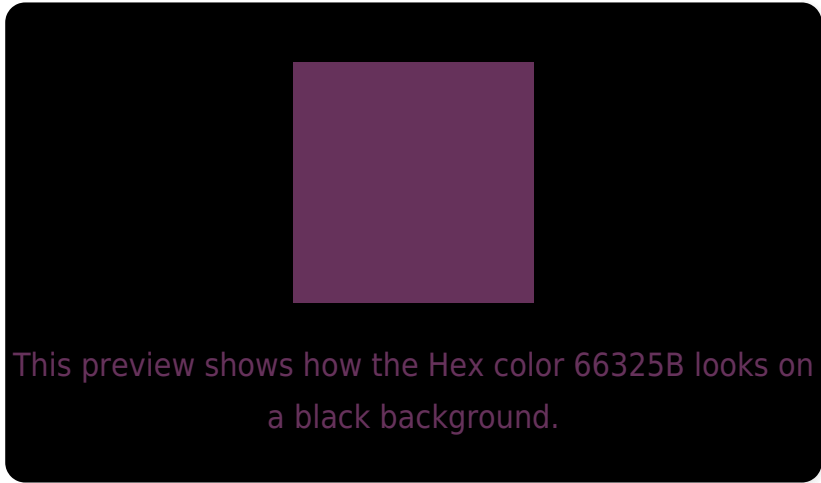
Large Text (above 18pt) WCAG AA ✓ Pass

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

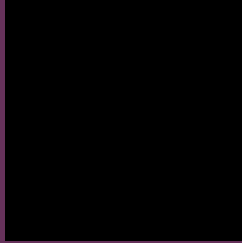
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66325B Background



This preview shows how black text looks on a background with the Hex color 66325B.



This preview shows how white text looks on a background with the Hex color 66325B.

# 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**  
66325B

**Protanopia**  
384469

**Deuteranopia**  
424458



**Tritanopia**  
63393D

# Trichromacy



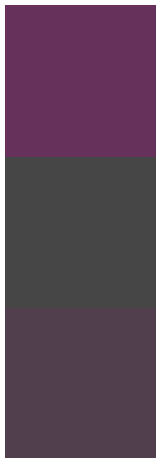
**Original Color**  
66325B

**Protanomaly**  
493D64

**Deuteranomaly**  
4F3D59

**Tritanomaly**  
643648

# Monochromacy



**Original Color**  
66325B

**Achromatopsia**  
464646

**Achromatomaly**  
523F4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66325B 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 #66325B looks like.

```
.text, #text, p{  
    color:#66325B  
}
```

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 #66325B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66325B
}
```

## Border

The CSS property to change the border of an element to Hex 66325B 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
#66325B }
```

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

```
.border{ border-color:#66325B }
```

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

Here you see how a box with a 4 pixel #66325B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66325B; -webkit-box-shadow:4px 4px  
4px 4px #66325B; box-shadow:4px 4px 4px  
4px #66325B }
```

# Background

The CSS property to change the background color of an element to Hex 66325B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66325B }
```

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

```
.background{ background-color:#66325B }
```

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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