

Converting Colors

Hex(65205E)

Have a look what the booklet for
Hex(65205E) contains.

Hex(65205E)	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(65205E)

Conversions

Conversions Part 1

Format	Color
Hex	65205E
RGB	101, 32, 94
RGB Percent	40%, 13%, 37%
CMY	0.6039, 0.8745, 0.6314
CMYK	0.00, 0.68, 0.07, 0.60
HSL	306°, 52%, 26%
HSV	306°, 68%, 40%
XYZ	7.9037, 4.6079, 11.0625
YIQ	59.6990, 21.2220, 33.9100

Conversions

Conversions Part 2

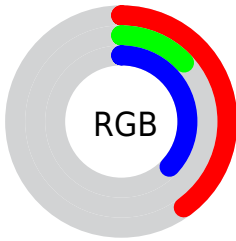
Format	Color
RYB	101, 32, 94
Decimal	6627422
CIELab	25.59, 38.99, -21.62
CIElCh	26, 44.580, 330.986
Yxy	4.6079, 0.3353, 0.1955
Android (android.graphics.Color)	4284817502 (0xFF65205E)
YUV	59.6990, 16.9104, 36.2210
Hunter-Lab	21.4660, 28.1579, -15.5290

Details

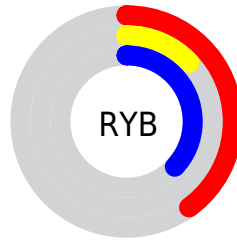
The Hex color **65205E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **206527**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9A5291**, and **330030** is the 20% darker color. If you saturate the color by 10%, you get **65165D**, and if you desaturate by 10%, it is **652A5F**.

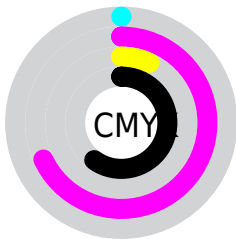
Distribution



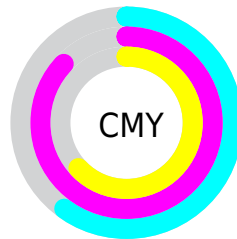
- Red (40%)
- Green (13%)
- Blue (37%)



- Red (40%)
- Yellow (13%)
- Blue (37%)



- Cyan (0%)
- Magenta (68%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65205E 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 65205E by changing the saturation by 10% instead.

 65205E

 65205E

FFFFFF

 4C0346

 9A5291

 330030

 B66CAB

 1B001A

 D286C7

 000000

 EFA1E3

 FFBCFF

 FFD8FF

 FFF5FF

 65205E

 65205E

65165D

652A5F

650C5C

653460

65025B

653E61

65005B

654862

655363

655D64

656765

657166

657B67

Harmonies

Analogous

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



3A3377



65205E



76123D

Triad

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



65205E



4A3C00



004B5F

Complementary

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



65205E



206527

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.



004B3D



65205E



284400

Square

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



65205E



642E00



004919



004878

Rectangle

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



65205E



771627



004919



004B54

Sweetspot

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



65205E



82687F



272065



423241



C2C2C2



424242

Same Dimension

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



65205E



821777



65203C



332E32



730067



F200DA

Inverse Universe

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



65205E



821777



206549



332E32



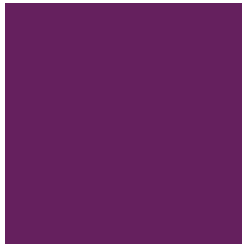
730067



F200DA

Previews

White Background



This preview shows how the Hex color 65205E looks on a white background.

Color Contrast Check

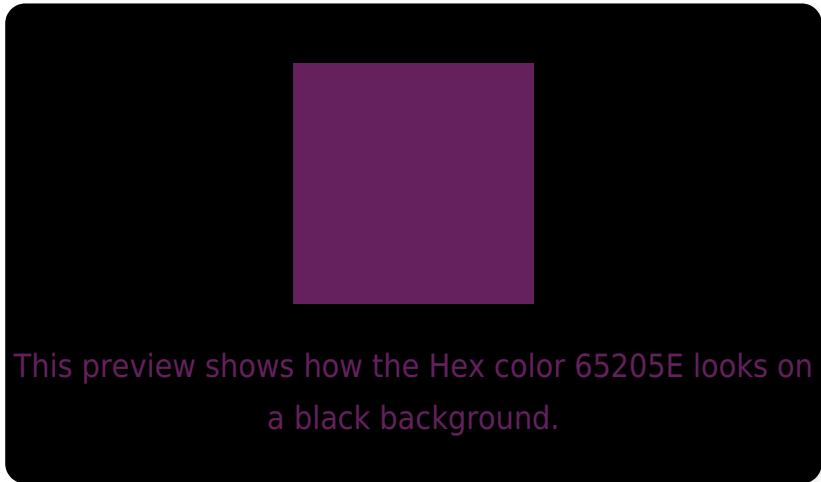
Large Text (above 18pt) WCAG AA ✓ Pass

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

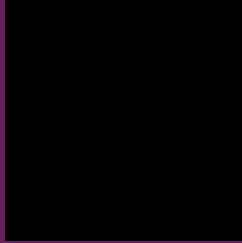
Any Text WCAG AA × Fail

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 65205E Background



This preview shows how black text looks on a background with the Hex color 65205E.



This preview shows how white text looks on a background with the Hex color 65205E.

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
602E31

Trichromacy



Original Color
65205E

Protanomaly
37326E

Deuteranomaly
45325B

Tritanomaly
622941

Monochromacy



Original Color
65205E

Achromatopsia
3C3C3C

Achromatomaly
4B3248

CSS Examples

Text

The CSS property to change the color of the text to Hex 65205E 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 #65205E looks like.

```
.text, #text, p{  
    color:#65205E  
}
```

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 #65205E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65205E
}
```

Border

The CSS property to change the border of an element to Hex 65205E is called "border". The border property can be set on classes, ids or directly on the HTML element.

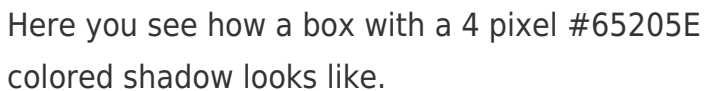
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65205E }
```

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

```
.border{ border-color:#65205E }
```

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



Here you see how a box with a 4 pixel #65205E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65205E; -webkit-box-shadow:4px 4px  
4px 4px #65205E; box-shadow:4px 4px 4px  
4px #65205E }
```

Background

The CSS property to change the background color of an element to Hex 65205E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65205E }
```

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

```
.background{ background-color:#65205E }
```

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