

Converting Colors

Hex(65083E)

Have a look what the booklet for
Hex(65083E) contains.

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Color

Hex(65083E)

Conversions

Conversions Part 1

Format	Color
Hex	65083E
RGB	101, 8, 62
RGB Percent	40%, 3%, 24%
CMY	0.6039, 0.9686, 0.7569
CMYK	0.00, 0.92, 0.39, 0.60
HSL	325°, 85%, 21%
HSV	325°, 92%, 40%
XYZ	6.3232, 3.2882, 4.8588
YIQ	41.9630, 38.0940, 36.5100

Conversions

Conversions Part 2

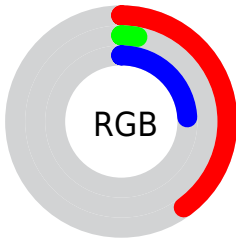
Format	Color
R_{YB}	101, 8, 62
Decimal	6621246
CIE Lab	21.16, 42.41, -6.87
CIE LCh	21, 42.965, 350.805
Yxy	3.2882, 0.4370, 0.2272
Android (android.graphics.Color)	4284811326 (0xFF65083E)
YUV	41.9630, 9.8782, 51.7754
Hunter-Lab	18.1333, 30.5104, -3.1935

Details

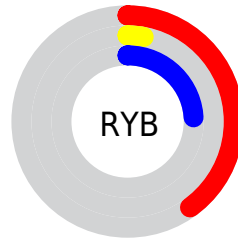
The Hex color **65083E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08652F**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **9B416D**, and **340014** is the 20% darker color. If you saturate the color by 10%, you get **65003B**, and if you desaturate by 10%, it is **651242**.

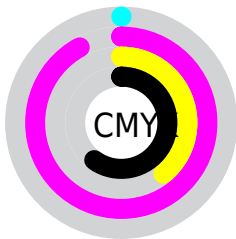
Distribution



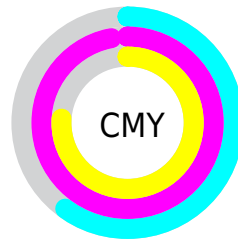
- Red (40%)
- Green (3%)
- Blue (24%)



- Red (40%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (92%)
- Yellow (39%)
- Black (60%)



- Cyan (60%)
- Magenta (97%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65083E 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 65083E by changing the saturation by 10% instead.



65083E



65083E

FFFFFF



4B0028



9B416D



340014



B85B87



0B0000



D475A1



000000



F290BC



FFABD8



FFC7F4



FFE4FF



65083E



65083E

■ 65003B

■ 651242

■ 651C46

■ 65264B

■ 65304F

■ 653A53

■ 654557

■ 654F5C

■ 655960

■ 656364

Harmonies

Analogous

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



4E1D5B



65083E



680A1F

Triad

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



65083E



2B3800



003F64

Complementary

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



65083E



08652F

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.



004049



65083E



003D03

Square

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



65083E



482E00



004028



003A72

Rectangle

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



65083E



621808



004028



00405C

Sweetspot

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



65083E



825E73



2F0865



422C39



C2C2C2



424242

Same Dimension

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



65083E



82004C



650810



332E31



730043



F2008D

Inverse Universe

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



65083E



82004C



08655D



332E31



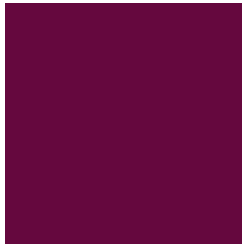
730043



F2008D

Previews

White Background



This preview shows how the Hex color 65083E looks on a white background.

Color Contrast Check

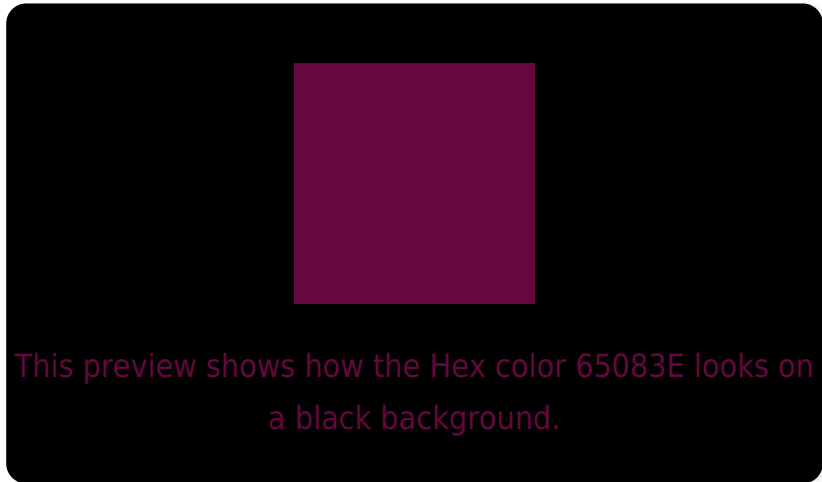
Large Text (above 18pt) WCAG AA ✓ Pass

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

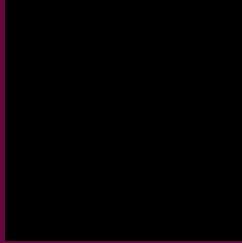
Any Text WCAG AA × Fail

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 65083E Background



This preview shows how black text looks on a background with the Hex color 65083E.

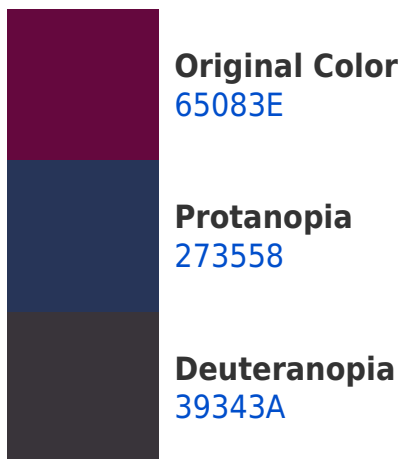


This preview shows how white text looks on a background with the Hex color 65083E.

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
63191A

Trichromacy



Original Color
65083E

Protanomaly
3E254F

Deuteranomaly
49243B

Tritanomaly
641327

Monochromacy



Original Color
65083E

Achromatopsia
2A2A2A

Achromatomaly
3F1E31

CSS Examples

Text

The CSS property to change the color of the text to Hex 65083E 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 #65083E looks like.

```
.text, #text, p{  
    color:#65083E  
}
```

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 #65083E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65083E
}
```

Border

The CSS property to change the border of an element to Hex 65083E is called "border". The border property can be set on classes, ids or directly on the HTML element.

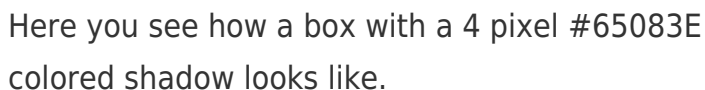
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65083E }
```

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

```
.border{ border-color:#65083E }
```

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



Here you see how a box with a 4 pixel #65083E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65083E; -webkit-box-shadow:4px 4px  
4px 4px #65083E; box-shadow:4px 4px 4px  
4px #65083E }
```

Background

The CSS property to change the background color of an element to Hex 65083E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65083E }
```

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

```
.background{ background-color:#65083E }
```

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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