

# Converting Colors

Hex(65042F)

Have a look what the booklet for  
Hex(65042F) contains.

<b>Hex(65042F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(65042F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65042F
RGB	101, 4, 47
RGB Percent	40%, 2%, 18%
CMY	0.6039, 0.9843, 0.8157
CMYK	0.00, 0.96, 0.53, 0.60
HSL	333°, 92%, 21%
HSV	333°, 96%, 40%
XYZ	5.9233, 3.0588, 2.9675
YIQ	37.9050, 44.0090, 33.9370

# Conversions

## Conversions Part 2

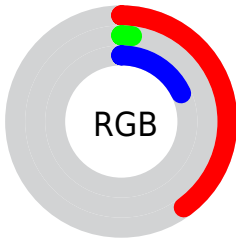
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 4, 47</a>
Decimal	<a href="#">6620207</a>
CIELab	<a href="#">20.28, 41.86, 2.36</a>
CIElCh	<a href="#">20, 41.931, 3.227</a>
Yxy	<a href="#">3.0588, 0.4957, 0.2560</a>
Android (android.graphics.Color)	<a href="#">4284810287 (0xFF65042F)</a>
YUV	<a href="#">37.9050, 4.4838, 55.3343</a>
Hunter-Lab	<a href="#">17.4893, 29.8485, 2.1824</a>

# Details

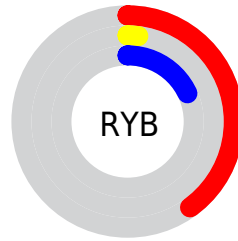
The Hex color **65042F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **04653A**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **9C3F5D**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **65002D**, and if you desaturate by 10%, it is **650E35**.

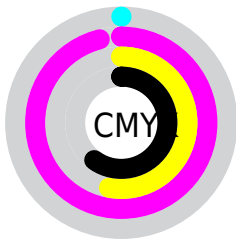
# Distribution



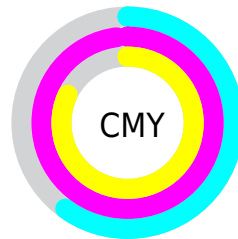
- Red (40%)
- Green (2%)
- Blue (18%)



- Red (40%)
- Yellow (2%)
- Blue (18%)



- Cyan (0%)
- Magenta (96%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (98%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65042F 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 65042F by changing the saturation by 10% instead.



 65042F

 65042F

FFFEFF

 4A001A

 9C3F5D

 340002

 B95975

 000000

 D6738F

 F38DA9

 FFA9C4

 FFC5E0

 FFE1FD

 65042F

 65042F

65002D

650E35

65183A

652240

652C45

65374B

654151

654B56

65555C

655F62

# Harmonies

## Analogous

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



57144D



65042F



621211

# Triad

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



65042F



1C3800



003B68

# Complementary

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



65042F



04653A

# 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.



003E52



65042F



003C13

# Square

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



65042F



3A3100



003E34



00346F

# Rectangle

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



65042F



591F00



003E34



003C62



# Sweetspot

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



65042F



825C6D



390465



422B35



C2C2C2



424242



# Same Dimension

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



65042F



82003A



650904



332E30



730033



F2006B



# Inverse Universe

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



65042F



82003A



046065



332E30



730033

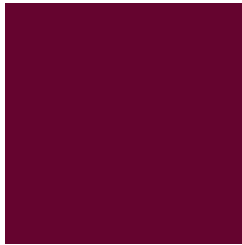


F2006B



# Previews

## White Background



This preview shows how the Hex color 65042F looks on a white background.

## Color Contrast Check

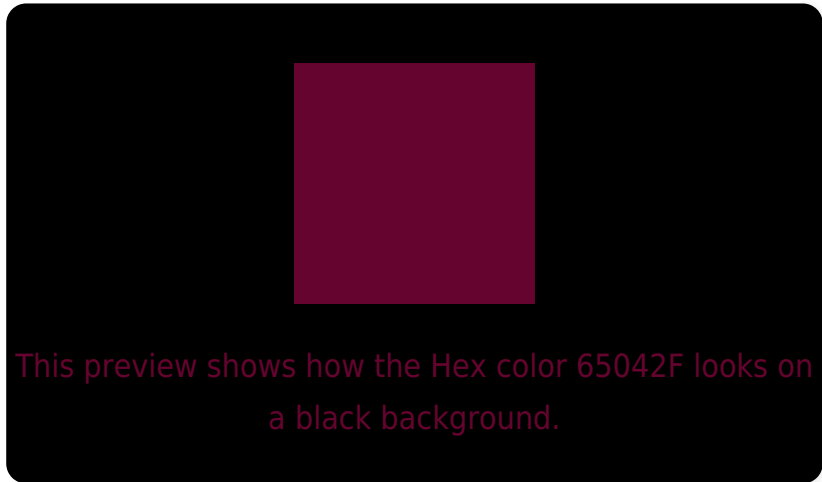
Large Text (above 18pt) WCAG AA ✓ Pass

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

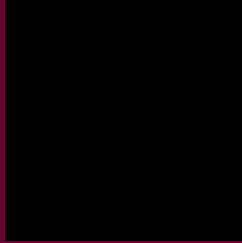
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65042F Background



This preview shows how black text looks on a background with the Hex color 65042F.



This preview shows how white text looks on a background with the Hex color 65042F.

# 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**  
65042F

**Protanopia**  
303444

**Deuteranopia**  
3D322B



# Trichromacy



**Original Color**  
65042F

**Protanomaly**  
43233C

**Deuteranomaly**  
4C212C

**Tritanomaly**  
640E1D

# Monochromacy



**Original Color**  
65042F

**Achromatopsia**  
262626

**Achromatomaly**  
3D1A29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65042F 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 #65042F looks like.

```
.text, #text, p{  
    color:#65042F  
}
```

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 #65042F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65042F
}
```

## Border

The CSS property to change the border of an element to Hex 65042F is called "border". The border property can be set on classes, ids or directly on the HTML element.

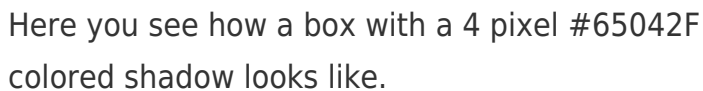
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65042F }
```

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

```
.border{ border-color:#65042F }
```

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



Here you see how a box with a 4 pixel #65042F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65042F; -webkit-box-shadow:4px 4px  
4px 4px #65042F; box-shadow:4px 4px 4px  
4px #65042F }
```

# Background

The CSS property to change the background color of an element to Hex 65042F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65042F }
```

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

```
.background{ background-color:#65042F }
```

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