

# Converting Colors

Hex(35125F)

Have a look what the booklet for  
Hex(35125F) contains.

<b>Hex(35125F)</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> .....	28

# Color

**Hex(35125F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35125F
RGB	53, 18, 95
RGB Percent	21%, 7%, 37%
CMY	0.7922, 0.9294, 0.6275
CMYK	0.44, 0.81, 0.00, 0.63
HSL	267°, 68%, 22%
HSV	267°, 81%, 37%
XYZ	3.7501, 2.0157, 11.0179
YIQ	37.2430, -3.8570, 31.3670

# Conversions

## Conversions Part 2

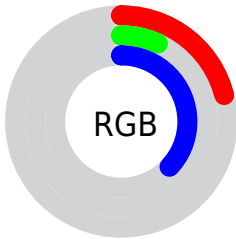
Format	Color
<a href="#">RYB</a>	<a href="#">53, 18, 95</a>
Decimal	<a href="#">3478111</a>
CIELab	<a href="#">15.57, 34.14, -38.77</a>
CIELCh	<a href="#">16, 51.659, 311.369</a>
Yxy	<a href="#">2.0157, 0.2234, 0.1201</a>
Android (android.graphics.Color)	<a href="#">4281668191 (0xFF35125F)</a>
YUV	<a href="#">37.2430, 28.4742, 13.8189</a>
Hunter-Lab	<a href="#">14.1976, 22.3020, -36.0730</a>

# Details

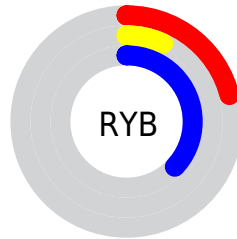
The Hex color **35125F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C5F12**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **684192**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **30085F**, and if you desaturate by 10%, it is **3A1C5F**.

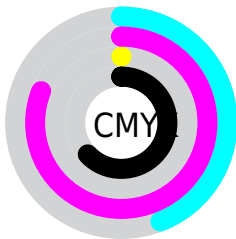
# Distribution



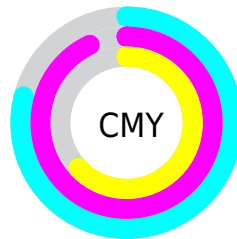
- Red (21%)
- Green (7%)
- Blue (37%)



- Red (21%)
- Yellow (7%)
- Blue (37%)



- Cyan (44%)
- Magenta (81%)
- Yellow (0%)
- Black (63%)



- Cyan (79%)
- Magenta (93%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35125F 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 35125F by changing the saturation by 10% instead.



 35125F

 35125F

 FFFBFF

 1C0047

 684192

 000030

 8359AD

 00011A

 9E72C9

 000000

 B98CE5

 D6A7FF

 F3C2FF

 FFDEFF

 35125F

 35125F

■ 30085F

■ 3A1C5F

■ 2B005F

■ 3F255F

■ 452F5F

■ 4A385F

■ 4F425F

■ 544B5F

■ 59555F

■ 5E5E5F

■ 64685F

# Harmonies

## Analogous

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



002871



35125F



59003F

# Triad

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



35125F



431C00



003534

# Complementary

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



35125F



3C5F12

# 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.



00340C



35125F



252A00

# Square

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



35125F



590000



003000



003557

# Rectangle

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



35125F



620027



003000



003528



# Sweetspot

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



35125F



6A5D7A



123C5F



342B3D



BDBDBD



3D3D3D



# Same Dimension

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



35125F



3A047A



5B125F



2E2C30



330070



6D00F0



# Inverse Universe

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



5F123C



7A0444



165F12



302C2E



70003D

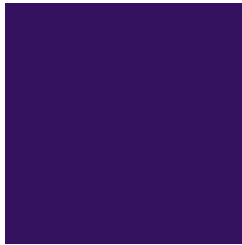


F00083



# Previews

## White Background



This preview shows how the Hex color 35125F looks on a white background.

## Color Contrast Check

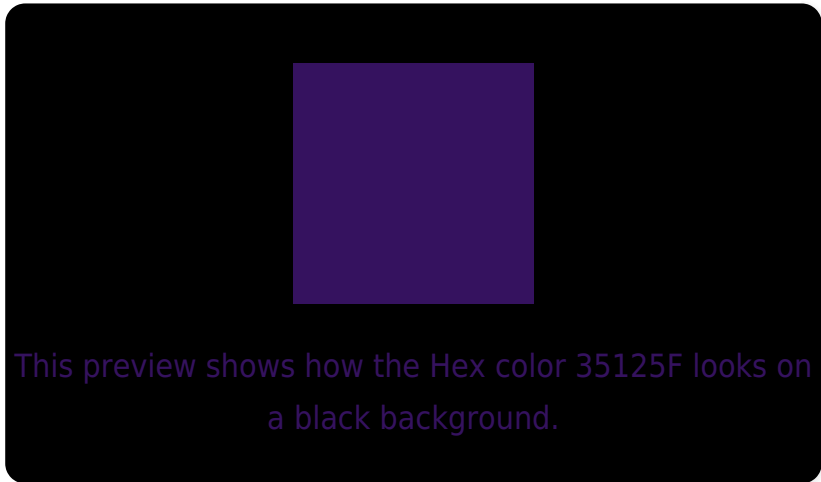
Large Text (above 18pt) WCAG AA ✓ Pass

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

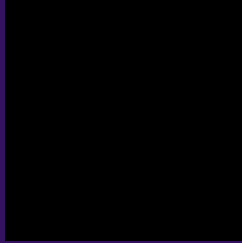
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35125F Background



This preview shows how black text looks on a background with the Hex color 35125F.

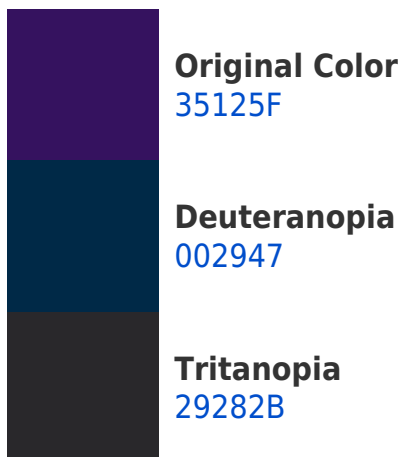


This preview shows how white text looks on a background with the Hex color 35125F.

# 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



# Trichromacy

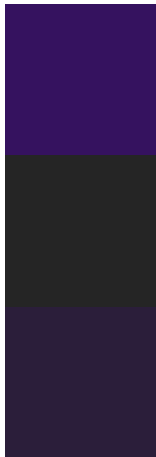


**Original Color**  
35125F

**Deuteranomaly**  
132150

**Tritanomaly**  
2D203E

# Monochromacy



**Original Color**  
35125F

**Achromatopsia**  
252525

**Achromatomaly**  
2B1E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35125F 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 #35125F looks like.

```
.text, #text, p{  
    color:#35125F  
}
```

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 #35125F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35125F
}
```

## Border

The CSS property to change the border of an element to Hex 35125F is called "border". The border property can be set on classes, ids or directly on the HTML element.

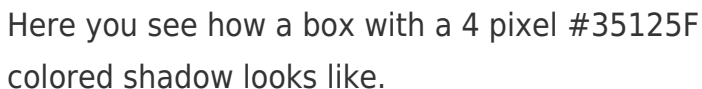
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35125F }
```

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

```
.border{ border-color:#35125F }
```

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



Here you see how a box with a 4 pixel #35125F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35125F; -webkit-box-shadow:4px 4px  
4px 4px #35125F; box-shadow:4px 4px 4px  
4px #35125F }
```

# Background

The CSS property to change the background color of an element to Hex 35125F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35125F }
```

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

```
.background{ background-color:#35125F }
```

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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