

# Converting Colors

Hex(351138)

Have a look what the booklet for  
Hex(351138) contains.

<b>Hex(351138)</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(351138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	351138
RGB	53, 17, 56
RGB Percent	21%, 7%, 22%
CMY	0.7922, 0.9333, 0.7804
CMYK	0.05, 0.70, 0.00, 0.78
HSL	295°, 53%, 14%
HSV	295°, 70%, 22%
XYZ	2.3825, 1.4433, 3.8944
YIQ	32.2100, 8.9370, 19.7610

# Conversions

## Conversions Part 2

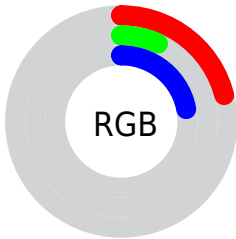
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 17, 56
Decimal	3477816
CIE Lab	12.24, 24.59, -17.20
CIE LCh	12, 30.011, 325.030
Yxy	1.4433, 0.3086, 0.1870
Android (android.graphics.Color)	4281667896 (0xFF351138)
YUV	32.2100, 11.7285, 18.2328
Hunter-Lab	12.0138, 14.3744, -10.8099

# Details

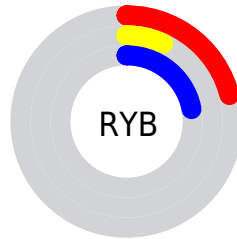
The Hex color **351138** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **143811**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **653E67**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **350B38**, and if you desaturate by 10%, it is **351738**.

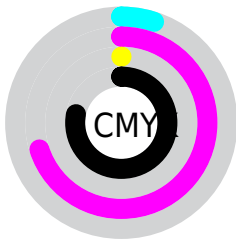
# Distribution



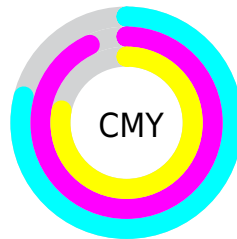
- Red (21%)
- Green (7%)
- Blue (22%)



- Red (21%)
- Yellow (7%)
- Blue (22%)



- Cyan (5%)
- Magenta (70%)
- Yellow (0%)
- Black (78%)



- Cyan (79%)
- Magenta (93%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 351138 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 351138 by changing the saturation by 10% instead.



 351138

 351138

 FFF6FF

 210023

 653E67

 000009

 7F5680

 000000

 996E9A

 B488B5

 D0A3D1

 ECBEED

 FFDAFF

 351138

 351138

■ 350B38

■ 351738

■ 340638

■ 361C38

■ 340038

■ 362238

■ 372738

■ 372D38

■ 383338

■ 383838

■ 383E38

■ 394338

# Harmonies

## Analogous

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



161C46



351138



420724

# Triad

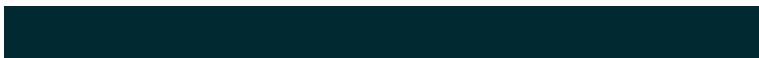
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



351138



2C1E00



002931

# Complementary

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



351138



143811

# 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.



00291C



351138



192400

# Square

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



351138



3B1500



002701



002842

# Rectangle

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



351138



440717



002701



00292A



# Sweetspot

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



351138



493A4A



111438



261D26



A6A6A6



262626



# Same Dimension

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



351138



450C4A



381128



1C191C



55005C



CA00DB



# Inverse Universe

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



381114



4A0C11



113821



1C1919



5C0007



DB0011



# Previews

## White Background



This preview shows how the Hex color 351138 looks on a white background.

## Color Contrast Check

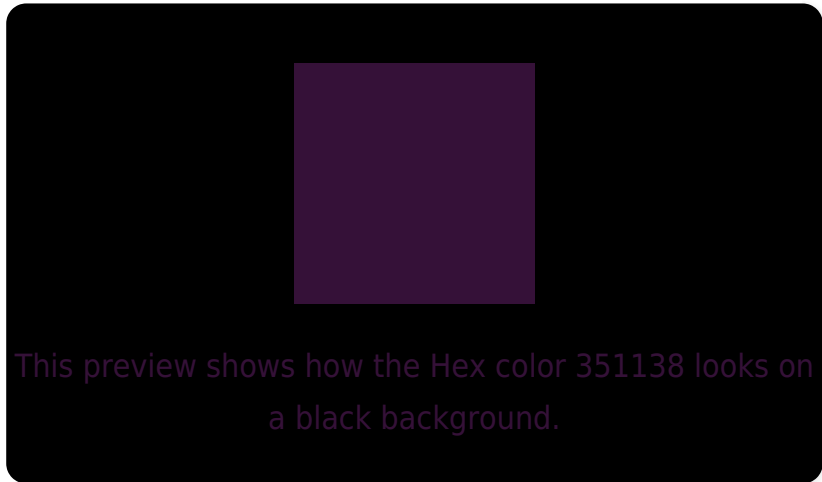
Large Text (above 18pt) WCAG AA ✓ Pass

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

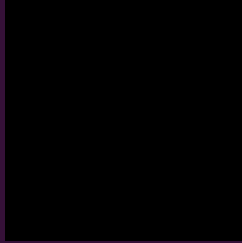
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 351138 Background



This preview shows how black text looks on a background with the Hex color 351138.



This preview shows how white text looks on a background with the Hex color 351138.

# 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**  
351138

**Protanopia**  
002044

**Deuteranopia**  
162135



**Tritanopia**  
321A1C

# Trichromacy



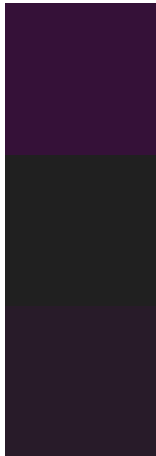
**Original Color**  
351138

**Protanomaly**  
131B40

**Deuteranomaly**  
211B36

**Tritanomaly**  
331726

# Monochromacy



**Original Color**  
351138

**Achromatopsia**  
202020

**Achromatomaly**  
281B29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 351138 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 #351138 looks like.

```
.text, #text, p{  
    color:#351138  
}
```

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 #351138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351138
}
```

## Border

The CSS property to change the border of an element to Hex 351138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

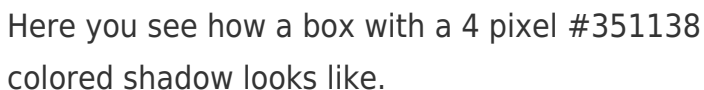
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#351138 }
```

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

```
.border{ border-color:#351138 }
```

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



Here you see how a box with a 4 pixel #351138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351138; -webkit-box-shadow:4px 4px  
4px 4px #351138; box-shadow:4px 4px 4px  
4px #351138 }
```

# Background

The CSS property to change the background color of an element to Hex 351138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351138 }
```

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

```
.background{ background-color:#351138 }
```

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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