

# Converting Colors

Hex(351A24)

Have a look what the booklet for  
Hex(351A24) contains.

<b>Hex(351A24)</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> .....	29

# Color

**Hex(351A24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	351A24
RGB	53, 26, 36
RGB Percent	21%, 10%, 14%
CMY	0.7922, 0.8980, 0.8588
CMYK	0.00, 0.51, 0.32, 0.79
HSL	338°, 34%, 15%
HSV	338°, 51%, 21%
XYZ	2.1560, 1.6230, 1.8687
YIQ	35.2130, 12.8820, 8.8340

# Conversions

## Conversions Part 2

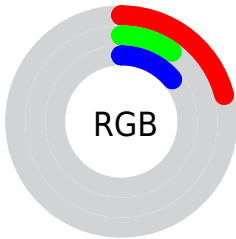
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 26, 36
Decimal	3480100
CIE <sub>Lab</sub>	13.37, 14.94, -0.95
CIE <sub>LCh</sub>	13, 14.975, 356.358
Yxy	1.6230, 0.3817, 0.2874
Android (android.graphics.Color)	4281670180 (0xFF351A24)
YUV	35.2130, 0.3880, 15.5992
Hunter-Lab	12.7399, 7.9136, 0.2212

# Details

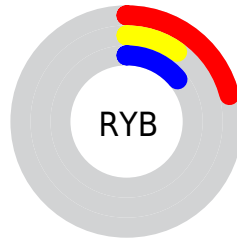
The Hex color **351A24** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1A352B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **654650**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **351521**, and if you desaturate by 10%, it is **351F27**.

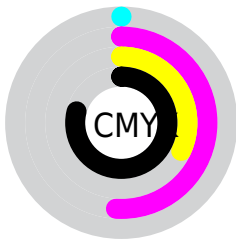
# Distribution



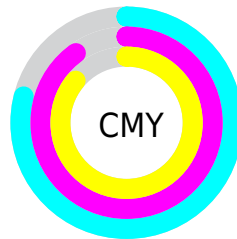
- Red (21%)
- Green (10%)
- Blue (14%)



- Red (21%)
- Yellow (10%)
- Blue (14%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (79%)



- Cyan (79%)
- Magenta (90%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 351A24 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 351A24 by changing the saturation by 10% instead.





351A24



351A24

FFFFFF



21010F



654650



000000



7E5E68



987782



B3909C



CFABB6



EBC6D2



FFE2EE



351A24



351A24

■ 351521

■ 351F27

■ 350F1D

■ 35252B

■ 350A1A

■ 352A2E

■ 350517

■ 352F31

■ 350014

■ 353535

■ 353A38

■ 353F3B

■ 35443F

■ 354A42

# Harmonies

## Analogous

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



2E1C2E



351A24



361B1A

# Triad

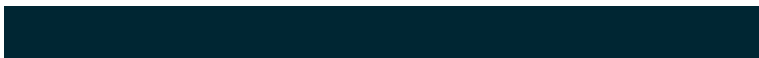
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



351A24



20240E



002633

# Complementary

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



351A24



1A352B

# 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.



00282B



351A24



132716

# Square

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



351A24



2A210C



032821



0F2437

# Rectangle

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



351A24



341C14



032821



002731



# Sweetspot

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



351A24



453B3E



2B1A35



241D20



A3A3A3



242424



# Same Dimension

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



351A24



451B2A



351D1A



1A1718



590021



D90050



# Inverse Universe

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



351A24



451B2A



1A3235



1A1718



590021

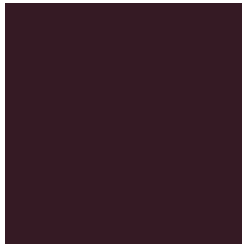


D90050



# Previews

## White Background



This preview shows how the Hex color 351A24 looks on a white background.

## Color Contrast Check

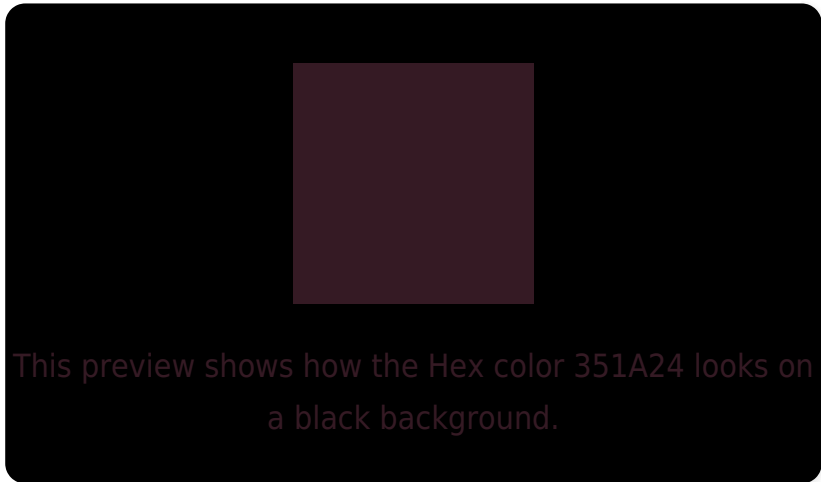
Large Text (above 18pt) WCAG AA ✓ Pass

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

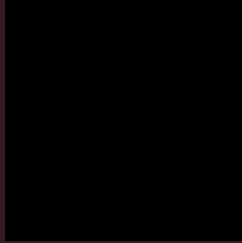
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 351A24 Background



This preview shows how black text looks on a background with the Hex color 351A24.

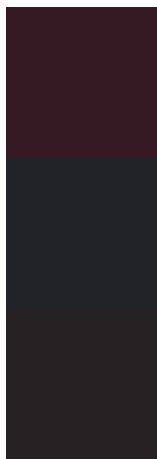


This preview shows how white text looks on a background with the Hex color 351A24.

# 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](#).

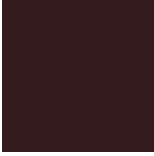
## Dichromacy



**Original Color**  
351A24

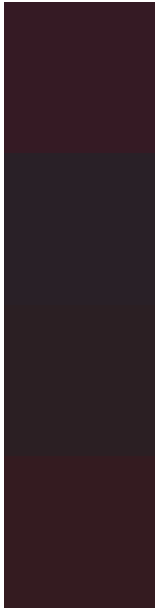
**Protanopia**  
222329

**Deuteranopia**  
262223



**Tritanopia**  
341B1D

# Trichromacy



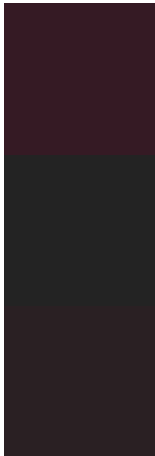
**Original Color**  
351A24

**Protanomaly**  
292027

**Deuteranomaly**  
2B1F23

**Tritanomaly**  
341B20

# Monochromacy



**Original Color**  
351A24

**Achromatopsia**  
232323

**Achromatomaly**  
2A2023

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 351A24 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 #351A24 looks like.

```
.text, #text, p{  
    color:#351A24  
}
```

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 #351A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #351A24
}
```

## Border

The CSS property to change the border of an element to Hex 351A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

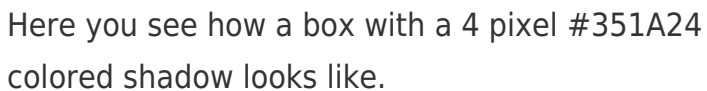
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#351A24 }
```

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

```
.border{ border-color:#351A24 }
```

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



Here you see how a box with a 4 pixel #351A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #351A24; -webkit-box-shadow:4px 4px  
4px 4px #351A24; box-shadow:4px 4px 4px  
4px #351A24 }
```

# Background

The CSS property to change the background color of an element to Hex 351A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#351A24 }
```

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

```
.background{ background-color:#351A24 }
```

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