

# Converting Colors

Hex(36291B)

Have a look what the booklet for  
Hex(36291B) contains.

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# Color

**Hex(36291B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36291B
RGB	54, 41, 27
RGB Percent	21%, 16%, 11%
CMY	0.7882, 0.8392, 0.8941
CMYK	0.00, 0.24, 0.50, 0.79
HSL	31°, 33%, 16%
HSV	31°, 50%, 21%
XYZ	2.5121, 2.4493, 1.3773
YIQ	43.2910, 12.2420, -1.5980

# Conversions

## Conversions Part 2

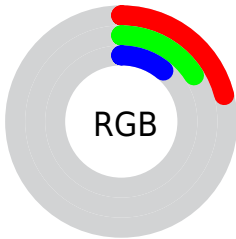
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 54, 27
Decimal	3549467
CIELab	17.69, 3.73, 11.48
CIELCh	18, 12.074, 71.997
Yxy	2.4493, 0.3963, 0.3864
Android (android.graphics.Color)	4281739547 (0xFF36291B)
YUV	43.2910, -8.0315, 9.3918
Hunter-Lab	15.6502, 1.2642, 5.7374

# Details

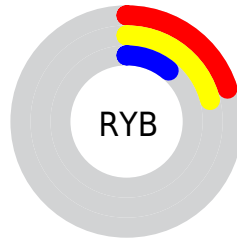
The Hex color **36291B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2836**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **665646**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **362616**, and if you desaturate by 10%, it is **362C20**.

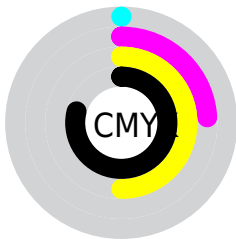
# Distribution



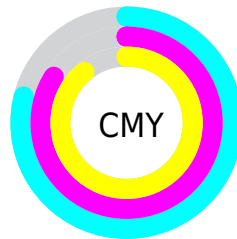
- Red (21%)
- Green (16%)
- Blue (11%)



- Red (20%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (24%)
- Yellow (50%)
- Black (79%)



- Cyan (79%)
- Magenta (84%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36291B 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 36291B by changing the saturation by 10% instead.





36291B



36291B

FFFFFF



211500



665646



000000



7F6E5E



998877



B4A290



D0BDAB



ECD9C6



FFF5E2



36291B



36291B

■ 362616

■ 362C20

■ 362410

■ 362E26

■ 36210B

■ 36312B

■ 361F05

■ 363331

■ 361C00

■ 363636

■ 36393B

■ 363B41

■ 363E46

■ 36404C

# Harmonies

## Analogous

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



3B2620



36291B



2E2C1A

# Triad

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



36291B



11302F



312838

# Complementary

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



36291B



1B2836

# 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.



252B3C



36291B



102F37

# Square

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



36291B



1A3026



182E3C



392531

# Rectangle

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



36291B



282E1C



182E3C



2D293A



# Sweetspot

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



36291B



47423D



361B28



24211D



A3A3A3



242424



# Same Dimension

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



36291B



47331D



36361B



1C1B19



5C3000



DB7200



# Inverse Universe

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



1B2836



1D3147



1B1B36



191B1C



002C5C



006ADB



# Previews

## White Background



This preview shows how the Hex color 36291B looks on a white background.

## Color Contrast Check

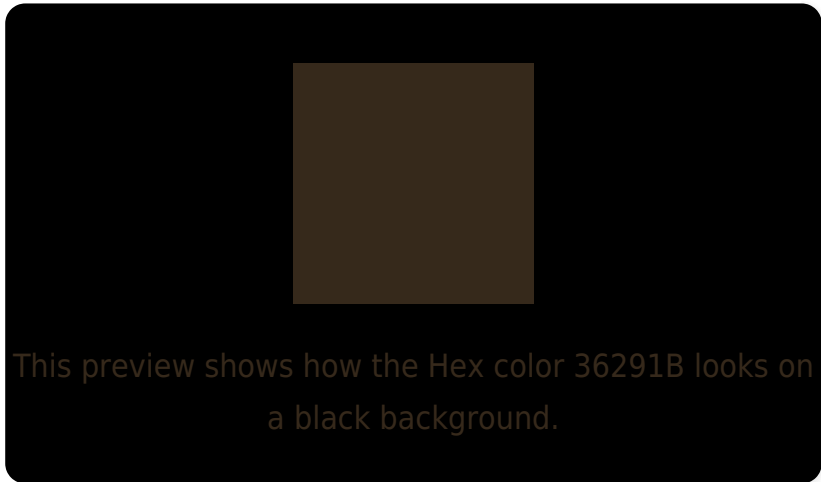
Large Text (above 18pt) WCAG AA ✓ Pass

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

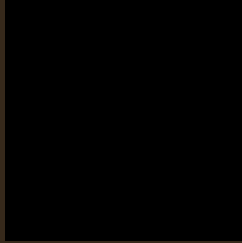
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36291B Background



This preview shows how black text looks on a background with the Hex color 36291B.

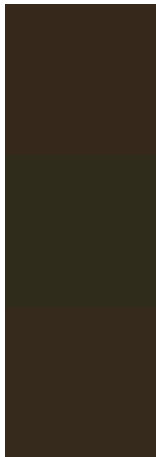


This preview shows how white text looks on a background with the Hex color 36291B.

# 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](#).

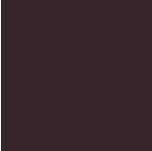
## Dichromacy



**Original Color**  
36291B

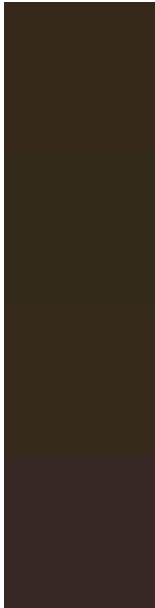
**Protanopia**  
2F2C1C

**Deuteranopia**  
352A1B



**Tritanopia**  
37272A

# Trichromacy



**Original Color**  
36291B

**Protanomaly**  
322B1C

**Deuteranomaly**  
352A1B

**Tritanomaly**  
372825

# Monochromacy



**Original Color**  
36291B

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
2F2A25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36291B 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 #36291B looks like.

```
.text, #text, p{  
    color:#36291B  
}
```

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 #36291B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36291B
}
```

## Border

The CSS property to change the border of an element to Hex 36291B 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
#36291B }
```

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

```
.border{ border-color:#36291B }
```

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

Here you see how a box with a 4 pixel #36291B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36291B; -webkit-box-shadow:4px 4px  
4px 4px #36291B; box-shadow:4px 4px 4px  
4px #36291B }
```

# Background

The CSS property to change the background color of an element to Hex 36291B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36291B }
```

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

```
.background{ background-color:#36291B }
```

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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