

# Converting Colors

Hex(36113A)

Have a look what the booklet for  
Hex(36113A) contains.

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# Color

**Hex(36113A)**

# Conversions

Conversions Part 1	
Format	Color
Hex	36113A
RGB	54, 17, 58
RGB Percent	21%, 7%, 23%
CMY	0.7882, 0.9333, 0.7725
CMYK	0.07, 0.71, 0.00, 0.77
HSL	294°, 55%, 15%
HSV	294°, 71%, 23%
XYZ	2.4855, 1.4907, 4.1597
YIQ	32.7370, 8.8910, 20.5950

# Conversions

## Conversions Part 2

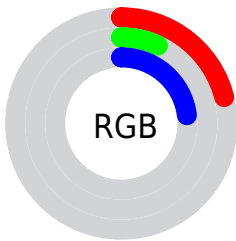
Format	Color
<a href="#">RYB</a>	<a href="#">54, 17, 58</a>
Decimal	<a href="#">3543354</a>
CIELab	<a href="#">12.55, 25.36, -18.14</a>
CIELCh	<a href="#">13, 31.175, 324.422</a>
Yxy	<a href="#">1.4907, 0.3055, 0.1832</a>
Android (android.graphics.Color)	<a href="#">4281733434</a> (0xFF36113A)
YUV	<a href="#">32.7370, 12.4547, 18.6477</a>
Hunter-Lab	<a href="#">12.2092, 14.9719, -11.6538</a>

# Details

The Hex color **36113A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **153A11**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **663E69**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **350B3A**, and if you desaturate by 10%, it is **37173A**.

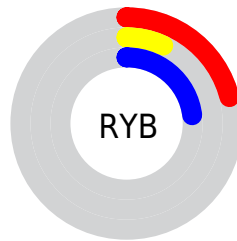
# Distribution



Red (21%)

Green (7%)

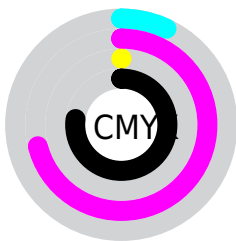
Blue (23%)



Red (21%)

Yellow (7%)

Blue (23%)

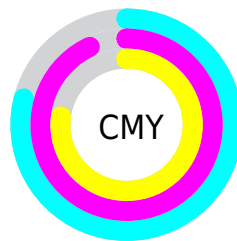


Cyan (7%)

Magenta (71%)

Yellow (0%)

Black (77%)



Cyan (79%)

Magenta (93%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36113A 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 36113A by changing the saturation by 10% instead.



 36113A

 36113A

 FFF7FF

 220024

 663E69

 00010D

 805683

 000000

 9A6F9D

 B588B8

 D1A3D3

 EEBEF0

 FFD AFF

 36113A

 36113A

 350B3A

 37173A

 35053A

 371D3A

 34003A

 38223A

 38283A

 392E3A

 39343A

 3A3A3A

 3B3F3A

 3B453A

# Harmonies

## Analogous

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



151D48



36113A



440626

# Triad

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



36113A



2D1E00



002A32

# Complementary

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



36113A



153A11

# 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.



002A1C



36113A



1A2500

# Square

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



36113A



3D1400



002800



002944

# Rectangle

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



36113A



460617



002800



002A2B



# Sweetspot

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



36113A



4B3C4D



11153A



251D26



A6A6A6



262626



# Same Dimension

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



36113A



460B4D



3A112A



1C191C



53005C



C600DB



# Inverse Universe

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



3A1115



4D0B12



113A21



1C191A



5C0009



DB0015



# Previews

## White Background



This preview shows how the Hex color 36113A 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



This preview shows how the Hex color 36113A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

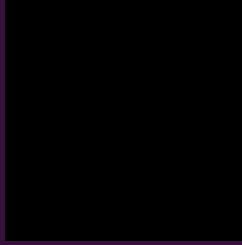
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36113A Background



This preview shows how black text looks on a background with the Hex color 36113A.



This preview shows how white text looks on a background with the Hex color 36113A.

# 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](#).

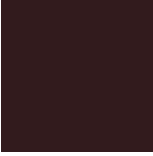
## Dichromacy



**Original Color**  
36113A

**Protanopia**  
002146





**Deuteranopia**  
152237




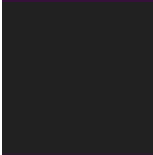

# Tritanopia

## 321B1D

# Trichromacy

	<b>Original Color</b> 36113A
	<b>Protanomaly</b> 141B42
	<b>Deuteranomaly</b> 211C38
	<b>Tritanomaly</b> 331728

# Monochromacy

	<b>Original Color</b> 36113A
	<b>Achromatopsia</b> 212121
	<b>Achromatomaly</b> 291B2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36113A 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 #36113A looks like.

```
.text, #text, p{  
    color:#36113A  
}
```

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 #36113A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36113A
}
```

## Border

The CSS property to change the border of an element to Hex 36113A 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
#36113A }
```

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

```
.border{ border-color:#36113A }
```

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

Here you see how a box with a 4 pixel #36113A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36113A; -webkit-box-shadow:4px 4px  
4px 4px #36113A; box-shadow:4px 4px 4px  
4px #36113A }
```

# Background

The CSS property to change the background color of an element to Hex 36113A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36113A }
```

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

```
.background{ background-color:#36113A }
```

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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