

# Converting Colors

Hex(36000D)

Have a look what the booklet for  
Hex(36000D) contains.

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**Color**

**Hex(36000D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36000D
RGB	54, 0, 13
RGB Percent	21%, 0%, 5%
CMY	0.7882, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.76, 0.79
HSL	346°, 100%, 11%
HSV	346°, 100%, 21%
XYZ	1.5940, 0.8133, 0.4537
YIQ	17.6280, 28.0110, 15.4910

# Conversions

## Conversions Part 2

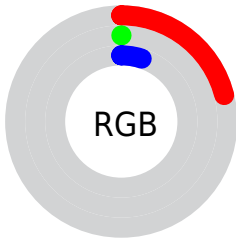
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 0, 13
Decimal	3538957
CIE <sub>Lab</sub>	7.35, 27.35, 6.18
CIE <sub>LCh</sub>	7, 28.039, 12.726
Yxy	0.8133, 0.5571, 0.2843
Android (android.graphics.Color)	4281729037 (0xFF36000D)
YUV	17.6280, -2.2816, 31.8982
Hunter-Lab	9.0185, 15.7666, 3.3299

# Details

The Hex color **36000D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003629**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **692E38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **36000D**, and if you desaturate by 10%, it is **360511**.

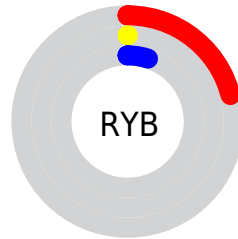
# Distribution



Red (21%)

Green (0%)

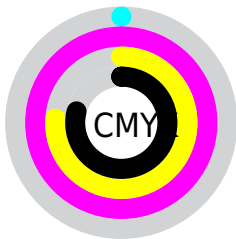
Blue (5%)



Red (21%)

Yellow (0%)

Blue (5%)

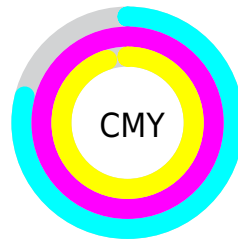


Cyan (0%)

Magenta (100%)

Yellow (76%)

Black (79%)



Cyan (79%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36000D 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 36000D by changing the saturation by 10% instead.



 36000D

 36000D

 FFE4ED

 1D0001

 692E38

 000000

 83464F

 9E5E67

 BA7780

 D7919A

 F4ACB5

 FFC8D0

 36000D

■ 360511

■ 360B15

■ 361019

■ 36161D

■ 361B22

■ 362026

■ 36262A

■ 362B2E

■ 363132

# Harmonies

## Analogous

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



310222



36000D



320700

# Triad

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



36000D



001D00



001C3A

# Complementary

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



3600D



003629

# 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.



001F2F



36000D



002005

# Square

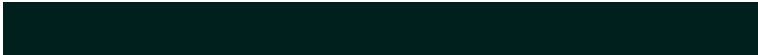
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3600D



151800



00201E



00163B

# Rectangle

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



36000D



2A0E00



00201E



001D37



# Sweetspot

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



36000D



473237



290036



24171A



A3A3A3



242424



# Same Dimension

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



36000D



470011



360E00



1C191A



5C0016



DB0035



# Inverse Universe

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



36000D



470011



002936



1C191A



5C0016

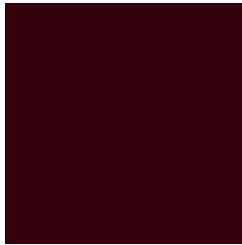


DB0035



# Previews

## White Background



This preview shows how the Hex color 36000D looks on a white background.

## Color Contrast Check

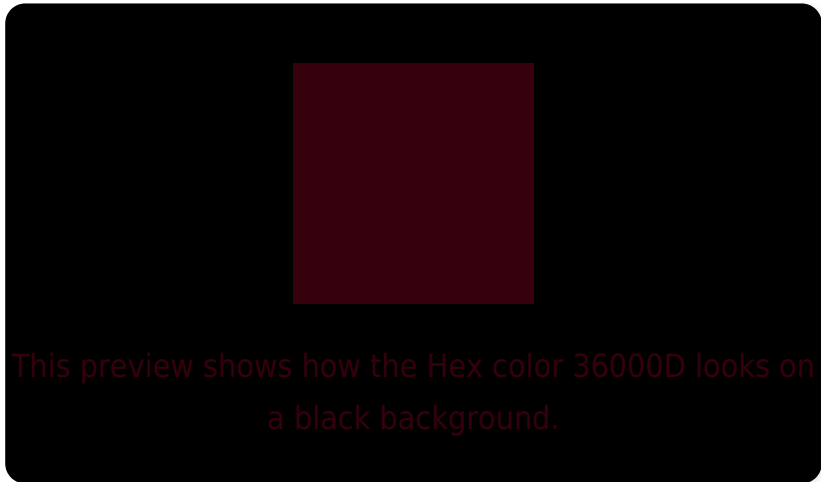
Large Text (above 18pt) WCAG AA ✓ Pass

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

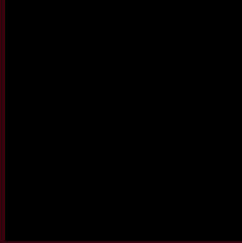
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36000D Background



This preview shows how black text looks on a background with the Hex color 36000D.



This preview shows how white text looks on a background with the Hex color 36000D.

# 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**  
36000D

**Protanopia**  
1E1B14

**Deuteranopia**  
221A0A



**Tritanopia**  
360503

# Trichromacy



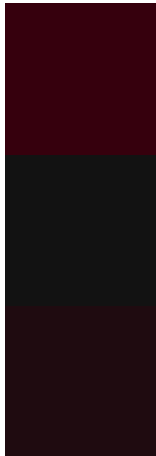
**Original Color**  
36000D

**Protanomaly**  
271111

**Deuteranomaly**  
29110B

**Tritanomaly**  
360307

# Monochromacy



**Original Color**  
36000D

**Achromatopsia**  
121212

**Achromatomaly**  
1F0B10

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36000D 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 #36000D looks like.

```
.text, #text, p{  
    color:#36000D  
}
```

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 #36000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36000D }  
}
```

## Border

The CSS property to change the border of an element to Hex 36000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

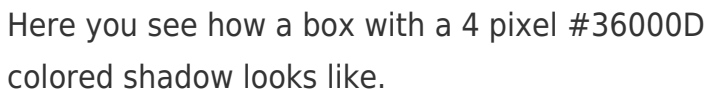
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #36000D }  
}
```

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

```
.border{ border-color:#36000D }
```

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



Here you see how a box with a 4 pixel #36000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36000D; -webkit-box-shadow:4px 4px  
4px 4px #36000D; box-shadow:4px 4px 4px  
4px #36000D }
```

# Background

The CSS property to change the background color of an element to Hex 36000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36000D }
```

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

```
.background{ background-color:#36000D }
```

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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