

# Converting Colors

Hex(36246D)

Have a look what the booklet for  
Hex(36246D) contains.

<b>Hex(36246D)</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(36246D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36246D
RGB	54, 36, 109
RGB Percent	21%, 14%, 43%
CMY	0.7882, 0.8588, 0.5725
CMYK	0.50, 0.67, 0.00, 0.57
HSL	255°, 50%, 28%
HSV	255°, 67%, 43%
XYZ	4.9125, 3.1501, 14.8171
YIQ	49.7040, -12.7050, 26.5190

# Conversions

## Conversions Part 2

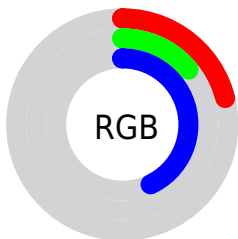
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 36, 109
Decimal	3548269
CIE <sub>Lab</sub>	20.64, 28.34, -39.71
CIE <sub>LCh</sub>	21, 48.782, 305.513
Yxy	3.1501, 0.2147, 0.1377
Android (android.graphics.Color)	4281738349 (0xFF36246D)
YUV	49.7040, 29.2329, 3.7676
Hunter-Lab	17.7487, 18.3455, -37.0730

# Details

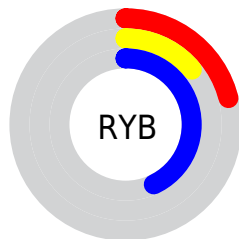
The Hex color **36246D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5B6D24**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6A52A1**, and **06003D** is the 20% darker color. If you saturate the color by 10%, you get **2E196D**, and if you desaturate by 10%, it is **3E2F6D**.

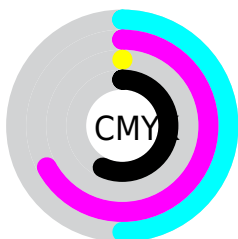
# Distribution



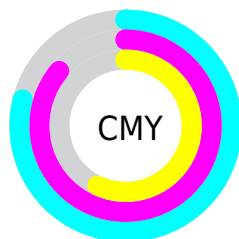
- Red (21%)
- Green (14%)
- Blue (43%)



- Red (21%)
- Yellow (14%)
- Blue (43%)



- Cyan (50%)
- Magenta (67%)
- Yellow (0%)
- Black (57%)



- Cyan (79%)
- Magenta (86%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36246D 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 36246D by changing the saturation by 10% instead.





36246D



36246D

FFFFFF



1B0F54



6A52A1



06003D



846ABD



000226



A084D9



00010F



BB9EF5



000000



D8B9FF



F5D5FF



FFF1FF



36246D



36246D

■ 2E196D

■ 3E2F6D

■ 260E6D

■ 463A6D

■ 1D036D

■ 4F456D

■ 1B006D

■ 57506D

■ 5F5B6D

■ 67656D

■ 6F706D

■ 787B6D

■ 80866D

# Harmonies

## Analogous

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



00357A



36246D



600450

# Triad

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



36246D



552400



004038

# Complementary

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



36246D



5B6D24

# 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.



003E11



36246D



383300

# Square

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



36246D



680807



103B00



00405B

# Rectangle

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



36246D



6B0039



103B00



00402B



# Sweetspot

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



36246D



79728F



245C6D



3A3647



C7C7C7



474747



# Same Dimension

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



36246D



391D8F



5A246D



323036



1D0075



3C00F5



# Inverse Universe

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



6D245B



8F1D73



376D24



363034



750058



F500B8



# Previews

## White Background



This preview shows how the Hex color 36246D looks on a white background.

## Color Contrast Check

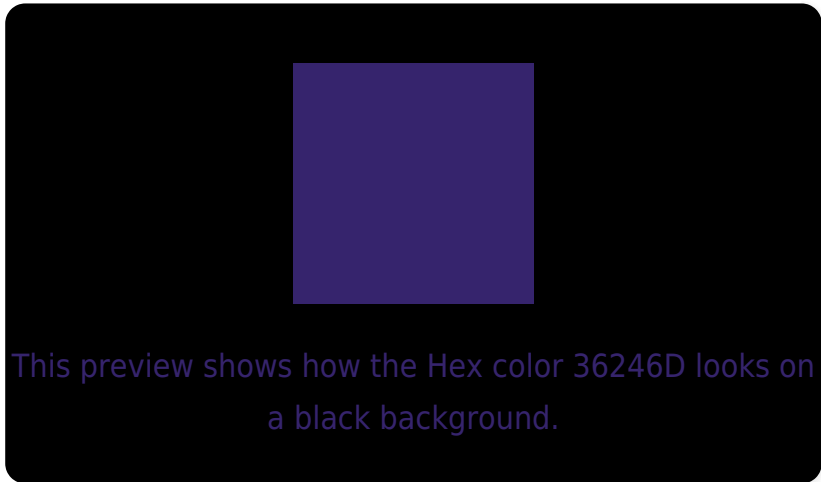
Large Text (above 18pt) WCAG AA ✓ Pass

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

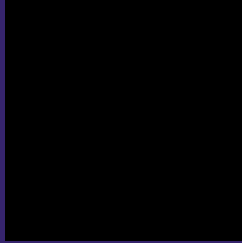
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 36246D Background



This preview shows how black text looks on a background with the Hex color 36246D.



This preview shows how white text looks on a background with the Hex color 36246D.

# 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](#).

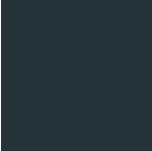
## Dichromacy



**Original Color**  
36246D

**Protanopia**  
003066

**Deuteranopia**  
003358



**Tritanopia**  
263439

# Trichromacy



**Original Color**  
36246D

**Protanomaly**  
142C69

**Deuteranomaly**  
142E60

**Tritanomaly**  
2C2E4C

# Monochromacy



**Original Color**  
36246D

**Achromatopsia**  
323232

**Achromatomaly**  
332D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36246D 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 #36246D looks like.

```
.text, #text, p{  
    color:#36246D  
}
```

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 #36246D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36246D
}
```

## Border

The CSS property to change the border of an element to Hex 36246D is called "border". The border property can be set on classes, ids or directly on the HTML element.

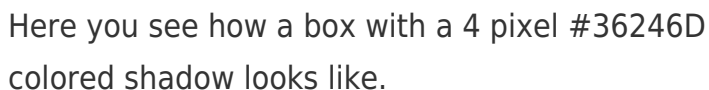
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36246D }
```

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

```
.border{ border-color:#36246D }
```

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



Here you see how a box with a 4 pixel #36246D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36246D; -webkit-box-shadow:4px 4px  
4px 4px #36246D; box-shadow:4px 4px 4px  
4px #36246D }
```

# Background

The CSS property to change the background color of an element to Hex 36246D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36246D }
```

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

```
.background{ background-color:#36246D }
```

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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