

Converting Colors

Hex(36246A)

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

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Color

Hex(36246A)

Conversions

Conversions Part 1

Format	Color
Hex	36246A
RGB	54, 36, 106
RGB Percent	21%, 14%, 42%
CMY	0.7882, 0.8588, 0.5843
CMYK	0.49, 0.66, 0.00, 0.58
HSL	255°, 49%, 28%
HSV	255°, 66%, 42%
XYZ	4.7537, 3.0866, 13.9809
YIQ	49.3620, -11.7420, 25.5860

Conversions

Conversions Part 2

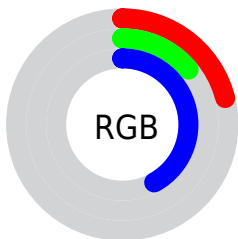
Format	Color
RYB	54, 36, 106
Decimal	3548266
CIELab	20.39, 27.38, -38.16
CIElCh	20, 46.966, 305.654
Yxy	3.0866, 0.2178, 0.1415
Android (android.graphics.Color)	4281738346 (0xFF36246A)
YUV	49.3620, 27.9225, 4.0675
Hunter-Lab	17.5688, 17.5526, -34.8836

Details

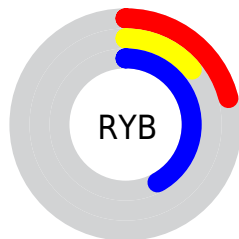
The Hex color **36246A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **586A24**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **69529E**, and **08003A** is the 20% darker color. If you saturate the color by 10%, you get **2E196A**, and if you desaturate by 10%, it is **3E2F6A**.

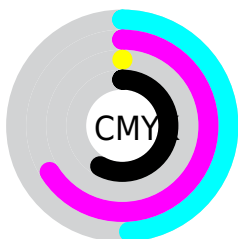
Distribution



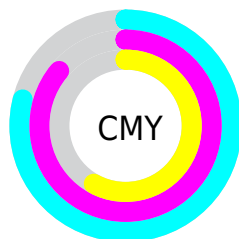
- Red (21%)
- Green (14%)
- Blue (42%)



- Red (21%)
- Yellow (14%)
- Blue (42%)



- Cyan (49%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

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

■ 36246A

■ 36246A

FFFFFF

■ 1C0F51

■ 69529E

■ 08003A

■ 846AB9

■ 000223

■ 9F84D5

■ 00000B

■ BB9EF2

■ 000000

■ D7B9FF

■ F4D5FF

■ FFF1FF

■ 36246A

■ 36246A

■ 2E196A

■ 3E2F6A

■ 260F6A

■ 46396A

■ 1E046A

■ 4E446A

■ 1B006A

■ 554E6A

■ 5D596A

■ 65646A

■ 6D6E6A

■ 75796A

■ 7D836A

Harmonies

Analogous

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



003477



36246A



5E084E

Triad

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



36246A



532400



003F37

Complementary

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



36246A



586A24

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.



003E12



36246A



383200

Square

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



36246A



660B09



123A00



003F59

Rectangle

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



36246A



690038



123A00



003F2B

Sweetspot

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



36246A



756E8A



24596A



393445



C4C4C4



454545

Same Dimension

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



36246A



391D8A



59246A



323036



1E0075



3F00F5

Inverse Universe

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



6A2458



8A1D6E



356A24



363034



750057



F500B6

Previews

White Background



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

Color Contrast Check

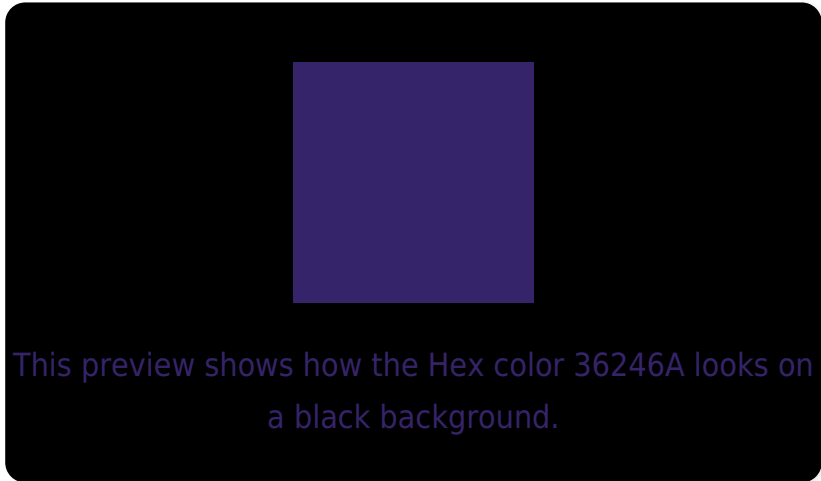
Large Text (above 18pt) WCAG AA ✓ Pass

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

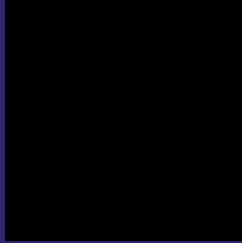
Any Text WCAG AA × Fail

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 36246A Background



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



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

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
36246A

Protanopia
003065

Deuteranopia
003358



Tritanopia
283438

Trichromacy



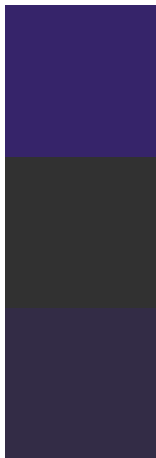
Original Color
36246A

Protanomaly
142C67

Deuteranomaly
142E5F

Tritanomaly
2D2E4A

Monochromacy



Original Color
36246A

Achromatopsia
313131

Achromatomaly
332C46

CSS Examples

Text

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

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

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 #36246A colored shadow looks like.

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

Border

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

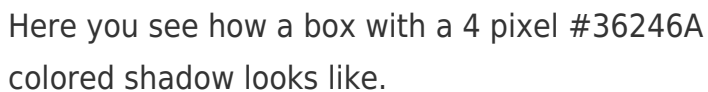
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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