

Converting Colors

Hex(36314D)

Have a look what the booklet for
Hex(36314D) contains.

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Color

Hex(36314D)

Conversions

Conversions Part 1

Format	Color
Hex	36314D
RGB	54, 49, 77
RGB Percent	21%, 19%, 30%
CMY	0.7882, 0.8078, 0.6980
CMYK	0.30, 0.36, 0.00, 0.70
HSL	251°, 22%, 25%
HSV	251°, 36%, 30%
XYZ	3.9592, 3.5167, 7.4913
YIQ	53.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

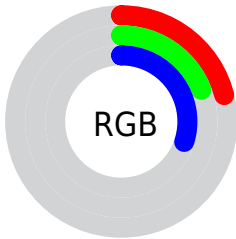
Format	Color
RYB	54, 49, 77
Decimal	3551565
CIELab	22.00, 9.51, -16.43
CIElCh	22, 18.982, 300.070
Yxy	3.5167, 0.2645, 0.2350
Android (android.graphics.Color)	4281741645 (0xFF36314D)
YUV	53.6870, 11.4933, 0.2745
Hunter-Lab	18.7529, 4.8680, -10.5578

Details

The Hex color **36314D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **484D31**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **655F7E**, and **0C0221** is the 20% darker color. If you saturate the color by 10%, you get **30294D**, and if you desaturate by 10%, it is **3C394D**.

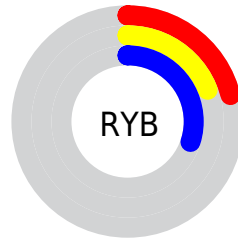
Distribution



Red (21%)

Green (19%)

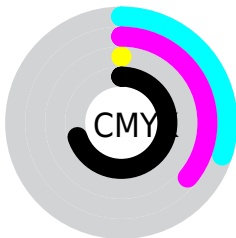
Blue (30%)



Red (21%)

Yellow (19%)

Blue (30%)

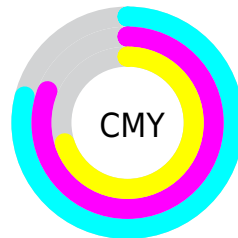


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (70%)



Cyan (79%)

Magenta (81%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36314D 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 36314D by changing the saturation by 10% instead.

■ 36314D

■ 36314D

FFFFFF

■ 201C36

■ 655F7E

■ 0C0221

■ 7F7898

■ 000006

■ 9992B3

■ 000000

■ B4ACCE

■ CFC7EB

■ ECE3FF

■ 36314D

■ 36314D

■ 30294D

■ 3C394D

■ 29224D

■ 43404D

■ 231A4D

■ 49484D

■ 1D124D

■ 4F504D

■ 160B4D

■ 56584D

■ 10034D

■ 5C5F4D

■ 0E004D

■ 62674D

■ 696F4D

■ 6F764D

Harmonies

Analogous

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



1F3651



36314D



462C43

Triad

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



36314D



492F1D



063C34

Complementary

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



36314D



484D31

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.



1E3B26



36314D



3D3418

Square

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



36314D



4F2B27



2F381C



003C42

Rectangle

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



36314D



4D2A3A



2F381C



0F3C2F

Sweetspot

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



36314D



5A5963



31484D



2E2C33



B3B3B3



333333

Same Dimension

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



36314D



403863



44314D



232226



120066



2900E6

Inverse Universe

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



4D3148



63385C



3A4D31



262226



660054



E600BD

Previews

White Background



This preview shows how the Hex color 36314D looks on a white background.

Color Contrast Check

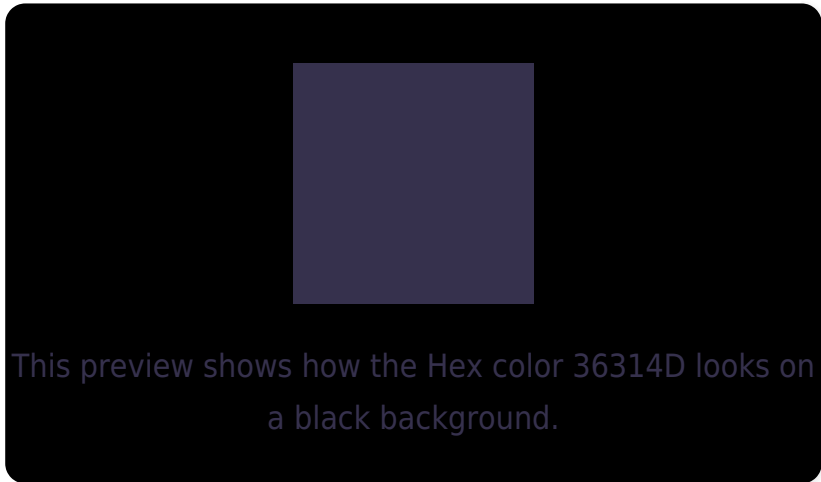
Large Text (above 18pt) WCAG AA ✓ Pass

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

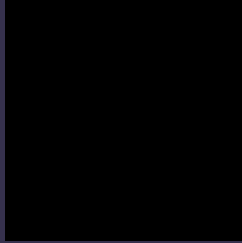
Any Text WCAG AA × Fail

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 36314D Background



This preview shows how black text looks on a background with the Hex color 36314D.



This preview shows how white text looks on a background with the Hex color 36314D.

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](#).

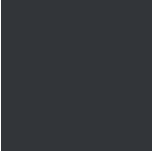
Dichromacy



Original Color
36314D

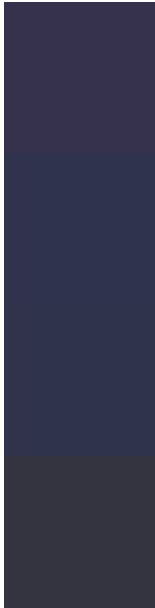
Protanopia
2B344F

Deuteranopia
2B344C



Tritanopia
323539

Trichromacy



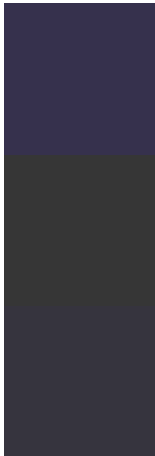
Original Color
36314D

Protanomaly
2F334E

Deuteranomaly
2F334C

Tritanomaly
333440

Monochromacy



Original Color
36314D

Achromatopsia
363636

Achromatomaly
36343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 36314D 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 #36314D looks like.

```
.text, #text, p{  
    color:#36314D  
}
```

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 #36314D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36314D
}
```

Border

The CSS property to change the border of an element to Hex 36314D 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
#36314D }
```

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

```
.border{ border-color:#36314D }
```

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

Here you see how a box with a 4 pixel #36314D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36314D; -webkit-box-shadow:4px 4px  
4px 4px #36314D; box-shadow:4px 4px 4px  
4px #36314D }
```

Background

The CSS property to change the background color of an element to Hex 36314D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36314D }
```

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

```
.background{ background-color:#36314D }
```

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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