

Converting Colors

Hex(36304A)

Have a look what the booklet for
Hex(36304A) contains.

Hex(36304A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(36304A)

Conversions

Conversions Part 1

Format	Color
Hex	36304A
RGB	54, 48, 74
RGB Percent	21%, 19%, 29%
CMY	0.7882, 0.8118, 0.7098
CMYK	0.27, 0.35, 0.00, 0.71
HSL	254°, 21%, 24%
HSV	254°, 35%, 29%
XYZ	3.8143, 3.3926, 6.9324
YIQ	52.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

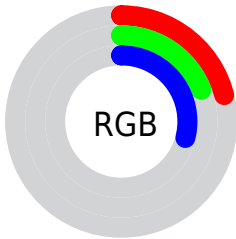
Format	Color
R_{YB}	54, 48, 74
Decimal	3551306
CIE Lab	21.55, 9.32, -15.12
CIE LCh	22, 17.759, 301.658
Yxy	3.3926, 0.2698, 0.2399
Android (android.graphics.Color)	4281741386 (0xFF36304A)
YUV	52.7580, 10.4723, 1.0892
Hunter-Lab	18.4190, 4.7316, -9.4217

Details

The Hex color **36304A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **444A30**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **655E7B**, and **0C001E** is the 20% darker color. If you saturate the color by 10%, you get **30294A**, and if you desaturate by 10%, it is **3C374A**.

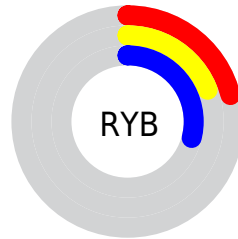
Distribution



Red (21%)

Green (19%)

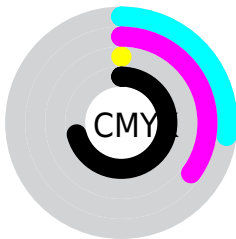
Blue (29%)



Red (21%)

Yellow (19%)

Blue (29%)

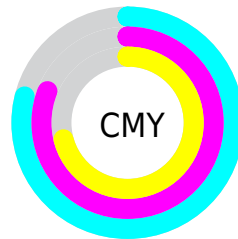


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (71%)



Cyan (79%)

Magenta (81%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36304A 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 36304A by changing the saturation by 10% instead.



36304A



36304A

FFFFFF



201B33



655E7B



0C001E



7E7795



000001



9990AF



000000



B3ABCB



CFC6E7



EBE2FF



36304A



36304A



30294A



3C374A

■ 2B214A

■ 413F4A

■ 251A4A

■ 47464A

■ 1F124A

■ 4D4E4A

■ 1A0B4A

■ 52554A

■ 14044A

■ 585C4A

■ 11004A

■ 5E644A

■ 646B4A

■ 69734A

Harmonies

Analogous

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



21354E



36304A



452B40

Triad

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



36304A



462F1D



093B34

Complementary

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



36304A



444A30

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.



1E3927



36304A



3B3319

Square

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



36304A



4C2B27



2E371D



003A41

Rectangle

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



36304A



4B2A38



2E371D



113A2F

Sweetspot

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



36304A



595661



30444A



2C2A30



B0B0B0



303030

Same Dimension

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



36304A



423861



43304A



232226



180066



3500E6

Inverse Universe

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



4A3044



613858



374A30



262225



66004E



E600B1

Previews

White Background



This preview shows how the Hex color 36304A looks on a white background.

Color Contrast Check

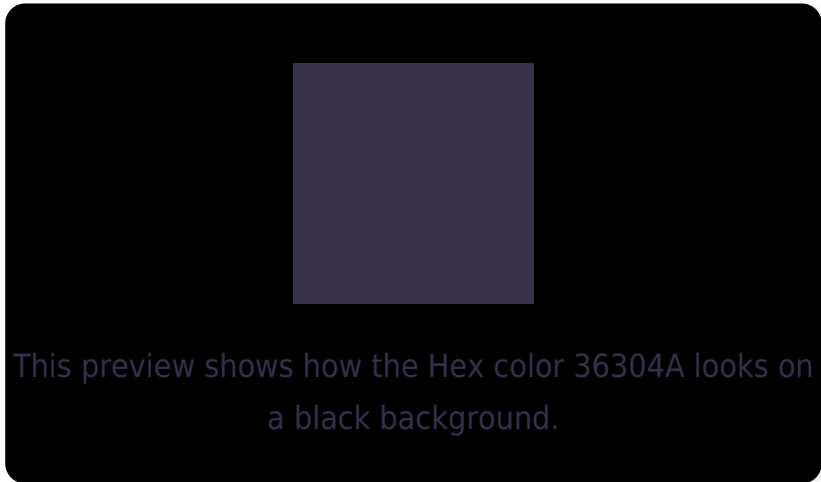
Large Text (above 18pt) WCAG AA ✓ Pass

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

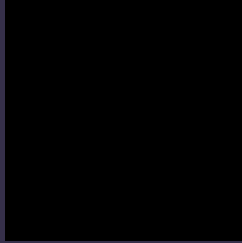
Any Text WCAG AA × Fail

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 36304A Background



This preview shows how black text looks on a background with the Hex color 36304A.

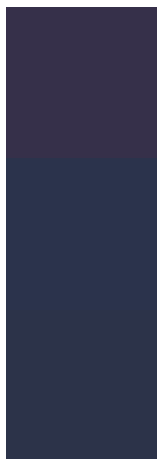


This preview shows how white text looks on a background with the Hex color 36304A.

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](#).

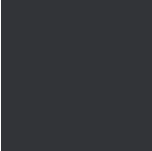
Dichromacy



Original Color
36304A

Protanopia
2B334C

Deuteranopia
2C3349



Tritanopia
323438

Trichromacy



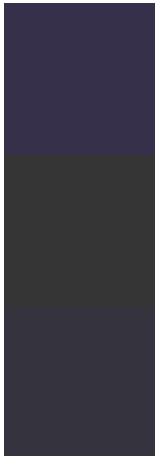
Original Color
36304A

Protanomaly
2F324B

Deuteranomaly
303249

Tritanomaly
33333F

Monochromacy



Original Color
36304A

Achromatopsia
353535

Achromatomaly
35333D

CSS Examples

Text

The CSS property to change the color of the text to Hex 36304A 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 #36304A looks like.

```
.text, #text, p{  
    color:#36304A  
}
```

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 #36304A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36304A
}
```

Border

The CSS property to change the border of an element to Hex 36304A 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
#36304A }
```

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

```
.border{ border-color:#36304A }
```

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

Here you see how a box with a 4 pixel #36304A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36304A; -webkit-box-shadow:4px 4px  
4px 4px #36304A; box-shadow:4px 4px 4px  
4px #36304A }
```

Background

The CSS property to change the background color of an element to Hex 36304A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36304A }
```

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

```
.background{ background-color:#36304A }
```

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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