

Converting Colors

Hex(36305A)

Have a look what the booklet for
Hex(36305A) contains.

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Color

Hex(36305A)

Conversions

Conversions Part 1

Format	Color
Hex	36305A
RGB	54, 48, 90
RGB Percent	21%, 19%, 35%
CMY	0.7882, 0.8118, 0.6471
CMYK	0.40, 0.47, 0.00, 0.65
HSL	249°, 30%, 27%
HSV	249°, 47%, 35%
XYZ	4.4237, 3.6364, 10.1416
YIQ	54.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

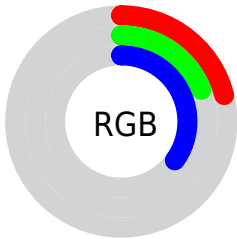
Format	Color
R_{YB}	54, 48, 90
Decimal	3551322
CIE Lab	22.43, 14.20, -24.40
CIE LCh	22, 28.232, 300.206
Yxy	3.6364, 0.2430, 0.1998
Android (android.graphics.Color)	4281741402 (0xFF36305A)
YUV	54.5820, 17.4611, -0.5104
Hunter-Lab	19.0692, 8.0378, -18.1837

Details

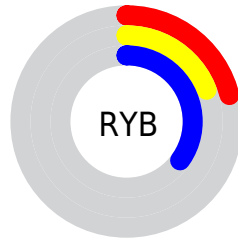
The Hex color **36305A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545A30**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **675E8C**, and **0B012C** is the 20% darker color. If you saturate the color by 10%, you get **2E275A**, and if you desaturate by 10%, it is **3E395A**.

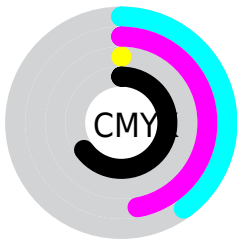
Distribution



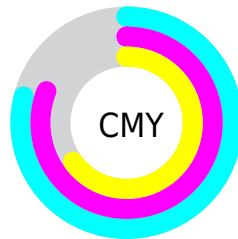
- Red (21%)
- Green (19%)
- Blue (35%)



- Red (21%)
- Yellow (19%)
- Blue (35%)



- Cyan (40%)
- Magenta (47%)
- Yellow (0%)
- Black (65%)



- Cyan (79%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36305A 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 36305A by changing the saturation by 10% instead.



36305A



36305A

FFFFFF



1F1B42



675E8C



0B012C



8077A7



000117



9B90C2



000000



B6ABDE



D2C6FB



EEE2FF



36305A



36305A



2E275A



3E395A

■ 271E5A

■ 45425A

■ 1F155A

■ 4D4B5A

■ 170C5A

■ 55545A

■ 0F035A

■ 5D5D5A

■ 0D005A

■ 64665A

■ 6C6F5A

■ 74785A

■ 7B815A

Harmonies

Analogous

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



003860



36305A



4F274B

Triad

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



36305A



512D11



004035

Complementary

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



36305A



545A30

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.



0C3E20



36305A



413507

Square

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



36305A



5B2522



2C3B0F



003F4A

Rectangle

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



36305A



58233D



2C3B0F



003F2E

Sweetspot

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



36305A



676575



30545A



32313B



BABABA



3B3B3B

Same Dimension

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



36305A



3D3475



4B305A



2A292E



10006E



2200ED

Inverse Universe

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



5A3054



75346C



3F5A30



2E292D



6E005E



ED00CB

Previews

White Background



This preview shows how the Hex color 36305A looks on a white background.

Color Contrast Check

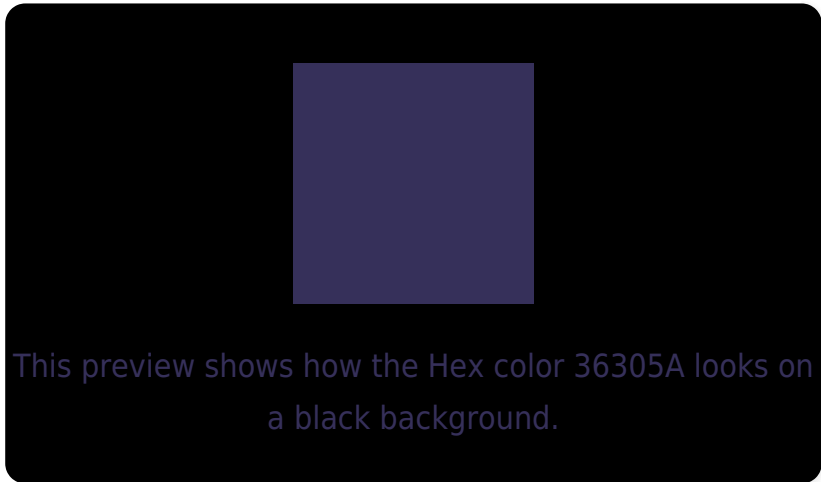
Large Text (above 18pt) WCAG AA ✓ Pass

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

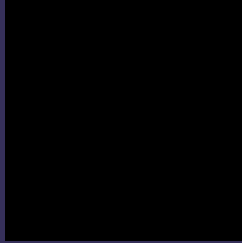
Any Text WCAG AA × Fail

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 36305A Background



This preview shows how black text looks on a background with the Hex color 36305A.



This preview shows how white text looks on a background with the Hex color 36305A.

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
36305A

Protanopia
23345E

Deuteranopia
1F3659



Tritanopia
2F373B

Trichromacy



Original Color
36305A

Protanomaly
2A335D

Deuteranomaly
273459

Tritanomaly
323446

Monochromacy



Original Color
36305A

Achromatopsia
373737

Achromatomaly
373444

CSS Examples

Text

The CSS property to change the color of the text to Hex 36305A 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 #36305A looks like.

```
.text, #text, p{  
    color:#36305A  
}
```

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 #36305A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36305A
}
```

Border

The CSS property to change the border of an element to Hex 36305A 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
#36305A }
```

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

```
.border{ border-color:#36305A }
```

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

Here you see how a box with a 4 pixel #36305A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36305A; -webkit-box-shadow:4px 4px  
4px 4px #36305A; box-shadow:4px 4px 4px  
4px #36305A }
```

Background

The CSS property to change the background color of an element to Hex 36305A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36305A }
```

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

```
.background{ background-color:#36305A }
```

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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