

Converting Colors

Hex(30355D)

Have a look what the booklet for
Hex(30355D) contains.

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Color

Hex(30355D)

Conversions

Conversions Part 1

Format	Color
Hex	30355D
RGB	48, 53, 93
RGB Percent	19%, 21%, 36%
CMY	0.8118, 0.7922, 0.6353
CMYK	0.48, 0.43, 0.00, 0.64
HSL	233°, 32%, 28%
HSV	233°, 48%, 36%
XYZ	4.4678, 3.9649, 10.8857
YIQ	56.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

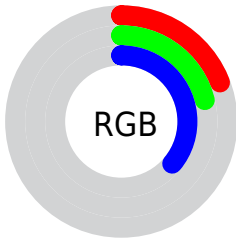
Format	Color
R_{YB}	48, 53, 93
Decimal	3159389
CIE Lab	23.56, 9.95, -24.63
CIE LCh	24, 26.562, 292.008
Yxy	3.9649, 0.2313, 0.2052
Android (android.graphics.Color)	4281349469 (0xFF30355D)
YUV	56.0650, 18.2090, -7.0730
Hunter-Lab	19.9121, 5.2052, -18.4749

Details

The Hex color **30355D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D5830**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **616390**, and **02082F** is the 20% darker color. If you saturate the color by 10%, you get **272D5D**, and if you desaturate by 10%, it is **393D5D**.

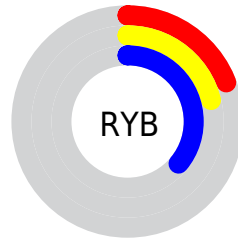
Distribution



Red (19%)

Green (21%)

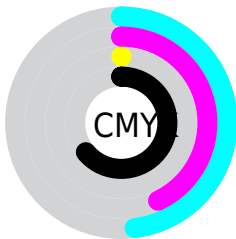
Blue (36%)



Red (19%)

Yellow (21%)

Blue (36%)

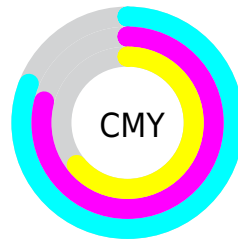


Cyan (48%)

Magenta (43%)

Yellow (0%)

Black (64%)



Cyan (81%)

Magenta (79%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30355D 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 30355D by changing the saturation by 10% instead.

■ 30355D

■ 30355D

FFFFFF

■ 182045

■ 616390

■ 02082F

■ 7A7CAA

■ 000119

■ 9596C6

■ 000000

■ B0B1E2

■ CCCCFF

■ E8E8FF

■ 30355D

■ 30355D

■ 272D5D

■ 393D5D

■ 1D245D

■ 43465D

■ 141C5D

■ 4C4E5D

■ 0B145D

■ 55565D

■ 020C5D

■ 5E5E5D

■ 000A5D

■ 68675D

■ 716F5D

■ 7A775D

■ 847F5D

Harmonies

Analogous

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



003C5F



30355D



4B2D51

Triad

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



30355D



562E19



004232

Complementary

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



30355D



5D5830

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.



1D401F



30355D



48350F

Square

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



30355D



5D282A



353B11



004246

Rectangle

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



30355D



562845



353B11



00412B

Sweetspot

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



30355D



666878



305D58



32333D



BDBDBD



3D3D3D

Same Dimension

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



30355D



323A78



41305D



292A2E



000C6E



001AED

Inverse Universe

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



5D3035



78323A



4C5D30



2E292A



6E000C



ED001A

Previews

White Background



This preview shows how the Hex color 30355D looks on a white background.

Color Contrast Check

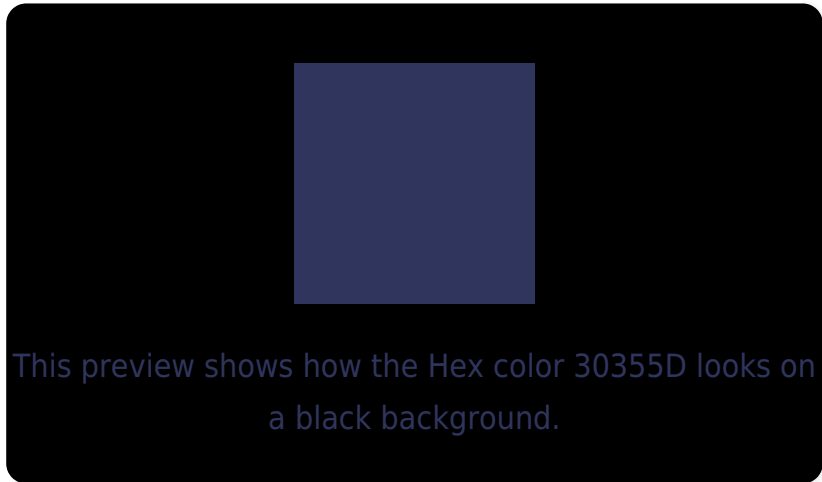
Large Text (above 18pt) WCAG AA ✓ Pass

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

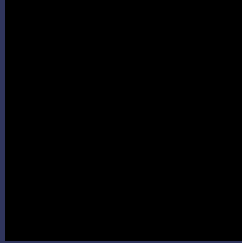
Any Text WCAG AA × Fail

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 30355D Background



This preview shows how black text looks on a background with the Hex color 30355D.



This preview shows how white text looks on a background with the Hex color 30355D.

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](#).

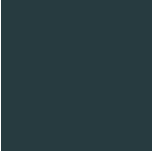
Dichromacy



Original Color
30355D

Protanopia
27375F

Deuteranopia
21385C



Tritanopia
273B40

Trichromacy



Original Color
30355D

Protanomaly
2A365E

Deuteranomaly
26375C

Tritanomaly
2A394B

Monochromacy



Original Color
30355D

Achromatopsia
383838

Achromatomaly
353745

CSS Examples

Text

The CSS property to change the color of the text to Hex 30355D 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 #30355D looks like.

```
.text, #text, p{  
    color:#30355D  
}
```

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 #30355D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30355D
}
```

Border

The CSS property to change the border of an element to Hex 30355D is called "border". The border property can be set on classes, ids or directly on the HTML element.

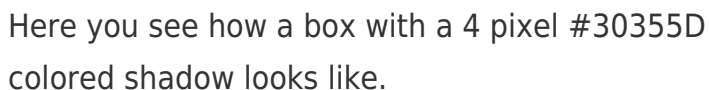
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30355D }
```

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

```
.border{ border-color:#30355D }
```

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



Here you see how a box with a 4 pixel #30355D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30355D; -webkit-box-shadow:4px 4px  
4px 4px #30355D; box-shadow:4px 4px 4px  
4px #30355D }
```

Background

The CSS property to change the background color of an element to Hex 30355D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30355D }
```

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

```
.background{ background-color:#30355D }
```

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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