

Converting Colors

Hex(30355F)

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

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Color

Hex(30355F)

Conversions

Conversions Part 1

Format	Color
Hex	30355F
RGB	48, 53, 95
RGB Percent	19%, 21%, 37%
CMY	0.8118, 0.7922, 0.6275
CMYK	0.49, 0.44, 0.00, 0.63
HSL	234°, 33%, 28%
HSV	234°, 49%, 37%
XYZ	4.5576, 4.0008, 11.3585
YIQ	56.2930, -16.4620, 12.0020

Conversions

Conversions Part 2

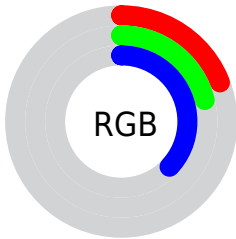
Format	Color
R_{YB}	48, 53, 95
Decimal	3159391
CIE _{Lab}	23.67, 10.64, -25.75
CIE _{LCh}	24, 27.858, 292.456
Yxy	4.0008, 0.2288, 0.2009
Android (android.graphics.Color)	4281349471 (0xFF30355F)
YUV	56.2930, 19.0826, -7.2730
Hunter-Lab	20.0020, 5.6688, -19.6674




Details

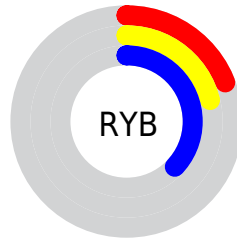
The Hex color **30355F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F5A30**, and the grayscale version is **383838**.




A 20% lighter version of the original color is **616392**, and **010830** is the 20% darker color. If you saturate the color by 10%, you get **262D5F**, and if you desaturate by 10%, it is **393D5F**.

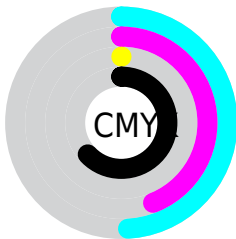
Distribution







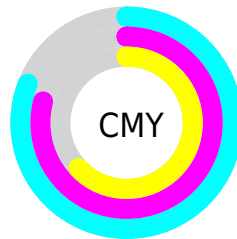
-  Red (19%)
-  Green (21%)
-  Blue (37%)






-  Red (19%)
-  Yellow (21%)
-  Blue (37%)



-  Cyan (49%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (81%)
-  Magenta (79%)
-  Yellow (63%)

Brightness & Saturation Gradients

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

■ 30355F

■ 30355F

FFFFFF

■ 182047

■ 616392

■ 010830

■ 7B7CAC

■ 00011B

■ 9596C8

■ 000000

■ B0B1E4

■ CCCCFF

■ E8E8FF

■ 30355F

■ 30355F

■ 262D5F

■ 393D5F

■ 1D245F

■ 43465F

■ 131C5F

■ 4D4E5F

■ 0A135F

■ 56575F

■ 000B5F

■ 605F5F

■ 000A5F

■ 69685F

■ 73705F

■ 7C795F

■ 86815F

Harmonies

Analogous

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



003C62



30355F



4D2C52

Triad

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



30355F



572D18



004232

Complementary

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



30355F



5F5A30

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.



1B401E



30355F



48350D

Square

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



30355F



5E272A



343C0F



004248

Rectangle

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



30355F



582845



343C0F



00422B

Sweetspot

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



30355F



686A7A



305F5A



32333D



BDBDBD



3D3D3D

Same Dimension

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



30355F



323A7A



42305F



2C2C30



000C70



001AF0

Inverse Universe

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



5F3035



7A323A



4D5F30



302C2C



70000C



F0001A

Previews

White Background



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

Color Contrast Check

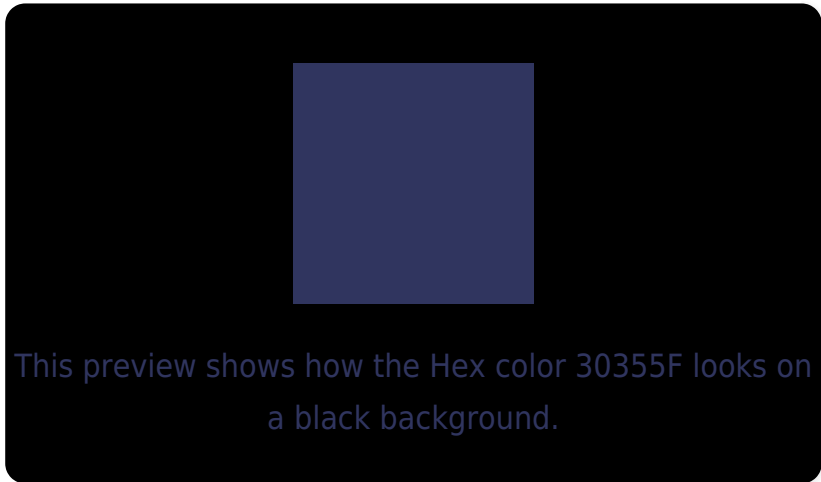
Large Text (above 18pt) WCAG AA ✓ Pass

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

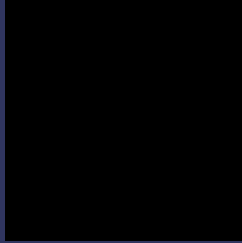
Any Text WCAG AA × Fail

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 30355F Background



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



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

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
30355F

Protanopia
263761

Deuteranopia
1F395E



Tritanopia
273C41

Trichromacy



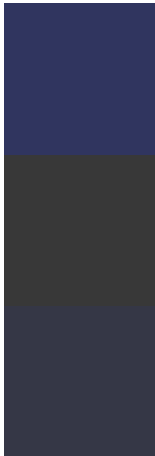
Original Color
30355F

Protanomaly
2A3660

Deuteranomaly
25385E

Tritanomaly
2A394C

Monochromacy



Original Color
30355F

Achromatopsia
383838

Achromatomaly
353746

CSS Examples

Text

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

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

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 #30355F colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 30355F 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
#30355F }
```

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

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

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

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

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

Background

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

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

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

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

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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