

Converting Colors

Hex(333355)

Have a look what the booklet for
Hex(333355) contains.

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Color

Hex(333355)

Conversions

Conversions Part 1

Format	Color
Hex	333355
RGB	51, 51, 85
RGB Percent	20%, 20%, 33%
CMY	0.8000, 0.8000, 0.6667
CMYK	0.40, 0.40, 0.00, 0.67
HSL	240°, 25%, 27%
HSV	240°, 40%, 33%
XYZ	4.1888, 3.7273, 9.0930
YIQ	54.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

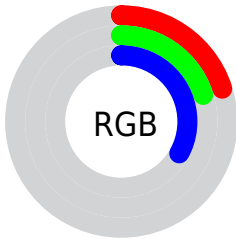
Format	Color
R_{YB}	51, 51, 85
Decimal	3355477
CIE _{Lab}	22.75, 9.59, -20.61
CIE _{LCh}	23, 22.734, 294.953
Yxy	3.7273, 0.2463, 0.2191
Android (android.graphics.Color)	4281545557 (0xFF333355)
YUV	54.8760, 14.8511, -3.3993
Hunter-Lab	19.3063, 4.9419, -14.4103

Details

The Hex color **333355** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **555533**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **636187**, and **070528** is the 20% darker color. If you saturate the color by 10%, you get **2A2A55**, and if you desaturate by 10%, it is **3B3B55**.

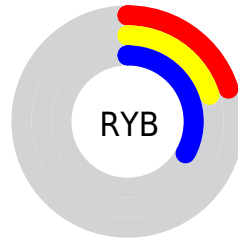
Distribution



Red (20%)

Green (20%)

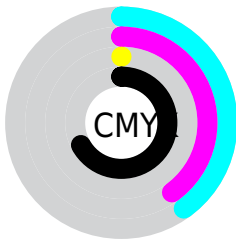
Blue (33%)



Red (20%)

Yellow (20%)

Blue (33%)

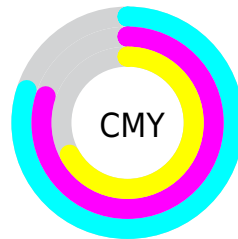


Cyan (40%)

Magenta (40%)

Yellow (0%)

Black (67%)



Cyan (80%)

Magenta (80%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333355 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 333355 by changing the saturation by 10% instead.

■ 333355

■ 333355

FFFFFF

■ 1C1E3E

■ 636187

■ 070528

■ 7C7AA1

■ 000112

■ 9694BC

■ 000000

■ B1AED8

■ CDCAF5

■ E9E6FF

■ 333355

■ 333355

■ 2A2A55

■ 3B3B55

■ 222255

■ 444455

■ 191955

■ 4D4D55

■ 111155

■ 555555

■ 080855

■ 5E5E55

■ 000055

■ 666655

■ 6E6E55

■ 777755

■ 7F7F55

Harmonies

Analogous

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



0F3958



333355



492C4A

Triad

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



333355



4F2E1B



003F33

Complementary

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



333355



555533

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.



1E3D22



333355



433414

Square

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



333355



562929



323A16



003F44

Rectangle

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



333355



512940



323A16



093E2D

Sweetspot

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



333355



60606E



335555



303038



B8B8B8



383838

Same Dimension

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



333355



39396E



443355



27272B



00006B



0000EB

Inverse Universe

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



553355



6E396E



445533



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 333355 looks on a white background.

Color Contrast Check

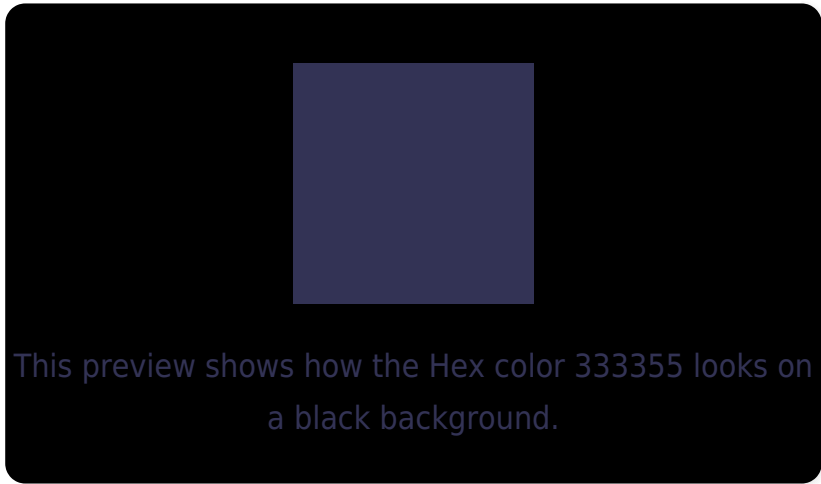
Large Text (above 18pt) WCAG AA ✓ Pass

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

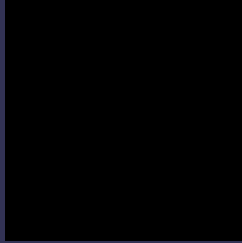
Any Text WCAG AA × Fail

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 333355 Background



This preview shows how black text looks on a background with the Hex color 333355.



This preview shows how white text looks on a background with the Hex color 333355.

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
333355

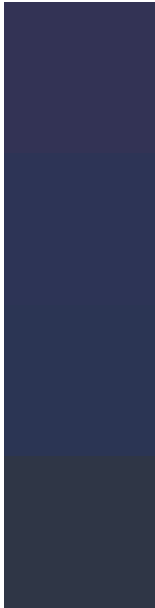
Protanopia
293557

Deuteranopia
273654



Tritanopia
2D383D

Trichromacy



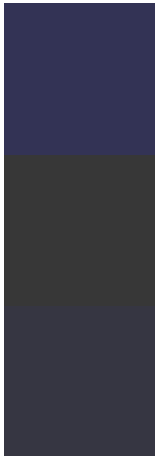
Original Color
333355

Protanomaly
2D3456

Deuteranomaly
2B3554

Tritanomaly
2F3646

Monochromacy



Original Color
333355

Achromatopsia
373737

Achromatomaly
363642

CSS Examples

Text

The CSS property to change the color of the text to Hex 333355 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 #333355 looks like.

```
.text, #text, p{  
    color:#333355  
}
```

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 #333355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333355
}
```

Border

The CSS property to change the border of an element to Hex 333355 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
#333355 }
```

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

```
.border{ border-color:#333355 }
```

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

Here you see how a box with a 4 pixel #333355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333355; -webkit-box-shadow:4px 4px  
4px 4px #333355; box-shadow:4px 4px 4px  
4px #333355 }
```

Background

The CSS property to change the background color of an element to Hex 333355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333355 }
```

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

```
.background{ background-color:#333355 }
```

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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