

Converting Colors

Hex(333453)

Have a look what the booklet for
Hex(333453) contains.

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Color

Hex(333453)

Conversions

Conversions Part 1

Format	Color
Hex	333453
RGB	51, 52, 83
RGB Percent	20%, 20%, 33%
CMY	0.8000, 0.7961, 0.6745
CMYK	0.39, 0.37, 0.00, 0.67
HSL	238°, 24%, 26%
HSV	238°, 39%, 33%
XYZ	4.1546, 3.7843, 8.6951
YIQ	55.2350, -10.5470, 9.4290

Conversions

Conversions Part 2

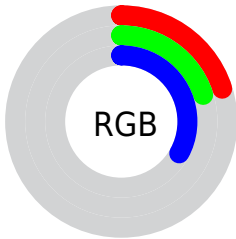
Format	Color
RYB	51, 52, 83
Decimal	3355731
CIELab	22.95, 8.26, -18.98
CIELCh	23, 20.700, 293.525
Yxy	3.7843, 0.2498, 0.2275
Android (android.graphics.Color)	4281545811 (0xFF333453)
YUV	55.2350, 13.6881, -3.7141
Hunter-Lab	19.4533, 4.0781, -12.8836

Details

The Hex color **333453** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **535233**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **636285**, and **070626** is the 20% darker color. If you saturate the color by 10%, you get **2B2C53**, and if you desaturate by 10%, it is **3B3C53**.

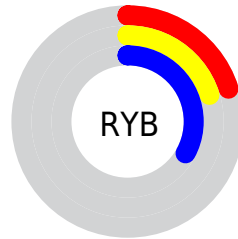
Distribution



 Red (20%)

 Green (20%)

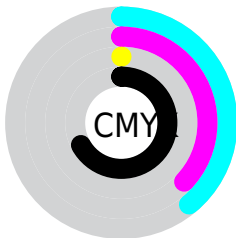
 Blue (33%)




 Red (20%)

 Yellow (20%)

 Blue (33%)

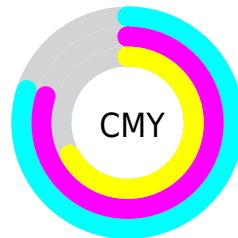


 Cyan (39%)


 Magenta (37%)

 Yellow (0%)

 Black (67%)



 Cyan (80%)

 Magenta (80%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333453 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 333453 by changing the saturation by 10% instead.

■ 333453

■ 333453

FFFFFF

■ 1C1F3C

■ 636285

■ 070626

■ 7C7B9F

■ 000110

■ 9695BA

■ 000000

■ B1B0D6

■ CDCBF2

■ E9E7FF

■ 333453

■ 333453

■ 2B2C53

■ 3B3C53

■ 222453

■ 444453

■ 1A1C53

■ 4C4C53

■ 121453

■ 545453

■ 0A0C53

■ 5D5C53

■ 010453

■ 656453

■ 000353

■ 6D6C53

■ 757453

■ 7E7C53

Harmonies

Analogous

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



163955



333453



472E49

Triad

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



333453



4F2F1E



073F33

Complementary

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



333453



535233

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.



223D24



333453



433518

Square

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



333453



542B2B



343A1A



003F43

Rectangle

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



333453



4F2B40



343A1A



123E2D

Sweetspot

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



333453



5E5F6B



335352



2E2E36



B5B5B5



363636

Same Dimension

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



333453



3A3B6B



423353



252529



000369



0007E8

Inverse Universe

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



533334



6B3A3B



445333



292525



690003



E80007

Previews

White Background



This preview shows how the Hex color 333453 looks on a white background.

Color Contrast Check

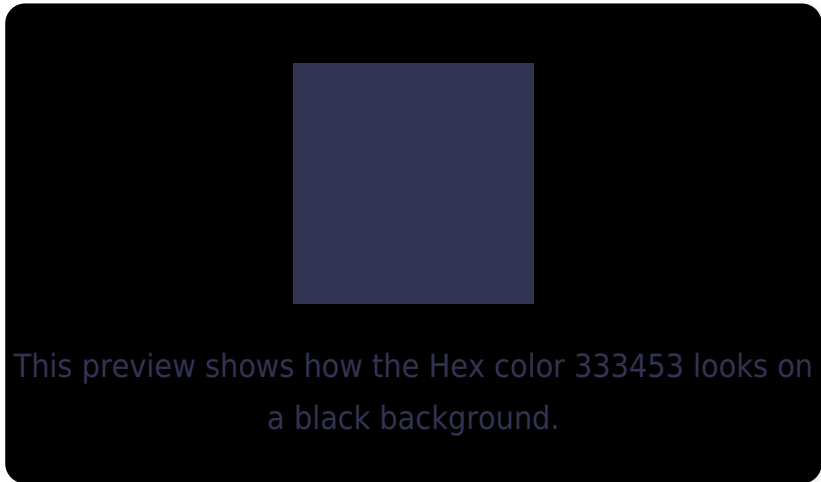
Large Text (above 18pt) WCAG AA ✓ Pass

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

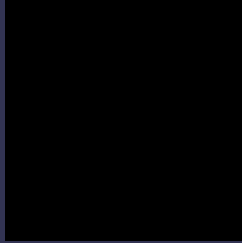
Any Text WCAG AA × Fail

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 333453 Background



This preview shows how black text looks on a background with the Hex color 333453.

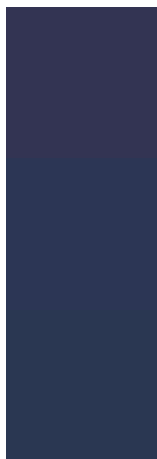


This preview shows how white text looks on a background with the Hex color 333453.

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


333453

Protanopia

2C3655

Deuteranopia

2A3752



Tritanopia
2E393D

Trichromacy



Original Color

333453

Protanomaly

2F3554

Deuteranomaly

2D3652

Tritanomaly

303745

Monochromacy



Original Color

333453

Achromatopsia

373737

Achromatomaly

363641

CSS Examples

Text

The CSS property to change the color of the text to Hex 333453 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 #333453 looks like.

```
.text, #text, p{  
    color:#333453  
}
```

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 #333453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333453
}
```

Border

The CSS property to change the border of an element to Hex 333453 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
#333453 }
```

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

```
.border{ border-color:#333453 }
```

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

Here you see how a box with a 4 pixel #333453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333453; -webkit-box-shadow:4px 4px  
4px 4px #333453; box-shadow:4px 4px 4px  
4px #333453 }
```

Background

The CSS property to change the background color of an element to Hex 333453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333453 }
```

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

```
.background{ background-color:#333453 }
```

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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