

Converting Colors

Hex(33265D)

Have a look what the booklet for
Hex(33265D) contains.

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Color

Hex(33265D)

Conversions

Conversions Part 1

Format	Color
Hex	33265D
RGB	51, 38, 93
RGB Percent	20%, 15%, 36%
CMY	0.8000, 0.8510, 0.6353
CMYK	0.45, 0.59, 0.00, 0.64
HSL	254°, 42%, 26%
HSV	254°, 59%, 36%
XYZ	4.0341, 2.8803, 10.6993
YIQ	48.1570, -9.9070, 19.8610

Conversions

Conversions Part 2

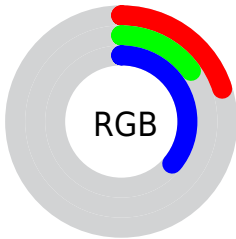
Format	Color
R_{YB}	51, 38, 93
Decimal	3352157
CIE _{Lab}	19.56, 21.14, -30.98
CIE _{LCh}	20, 37.511, 304.309
Yxy	2.8803, 0.2290, 0.1635
Android (android.graphics.Color)	4281542237 (0xFF33265D)
YUV	48.1570, 22.1076, 2.4933
Hunter-Lab	16.9716, 12.7291, -25.4976

Details

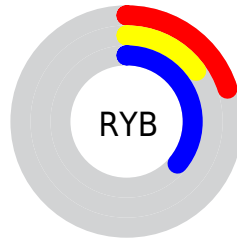
The Hex color **33265D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **505D26**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **655390**, and **07002F** is the 20% darker color. If you saturate the color by 10%, you get **2C1D5D**, and if you desaturate by 10%, it is **3A2F5D**.

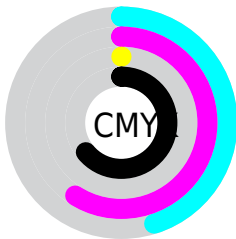
Distribution



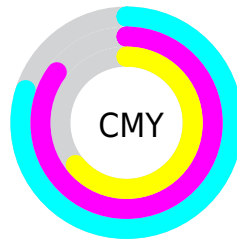
- Red (20%)
- Green (15%)
- Blue (36%)



- Red (20%)
- Yellow (15%)
- Blue (36%)



- Cyan (45%)
- Magenta (59%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33265D 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 33265D by changing the saturation by 10% instead.



33265D



33265D

FFFFFF



1B1145



655390



07002F



7E6CAB



000119



9985C6



000000



B49FE2



D0BAFF



EDD6FF



FFF2FF



33265D



33265D

■ 2C1D5D

■ 3A2F5D

■ 25135D

■ 41395D

■ 1E0A5D

■ 48425D

■ 17015D

■ 4F4B5D

■ 16005D

■ 57555D

■ 5E5E5D

■ 65675D

■ 6C705D

■ 737A5D

Harmonies

Analogous

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



003266



33265D



521748

Triad

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



33265D



4E2500



003B33

Complementary

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



33265D



505D26

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.



003A16



33265D



382F00

Square

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



33265D



5B1712



1C3600



003B4E

Rectangle

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



33265D



5C0E36



1C3600



003B29

Sweetspot

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



33265D



676278



26505D



33303D



BDBDBD



3D3D3D

Same Dimension

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



33265D



372378



4E265D



2A292E



1A006E



3800ED

Inverse Universe

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



5D2650



782364



355D26



2E292D



6E0054



ED00B5

Previews

White Background



This preview shows how the Hex color 33265D 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

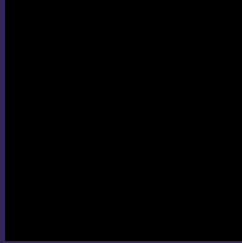
Any Text WCAG AA × Fail

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 33265D Background



This preview shows how black text looks on a background with the Hex color 33265D.



This preview shows how white text looks on a background with the Hex color 33265D.

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
33265D

Protanopia
002E62

Deuteranopia
003155



Tritanopia
293135

Trichromacy



Original Color
33265D

Protanomaly
132B60

Deuteranomaly
132D58

Tritanomaly
2D2D44

Monochromacy



Original Color
33265D

Achromatopsia
303030

Achromatomaly
312C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 33265D 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 #33265D looks like.

```
.text, #text, p{  
    color:#33265D  
}
```

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 #33265D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33265D
}
```

Border

The CSS property to change the border of an element to Hex 33265D 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
#33265D }
```

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

```
.border{ border-color:#33265D }
```

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

Here you see how a box with a 4 pixel #33265D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33265D; -webkit-box-shadow:4px 4px  
4px 4px #33265D; box-shadow:4px 4px 4px  
4px #33265D }
```

Background

The CSS property to change the background color of an element to Hex 33265D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33265D }
```

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

```
.background{ background-color:#33265D }
```

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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