

Converting Colors

Hex(2C265D)

Have a look what the booklet for
Hex(2C265D) contains.

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Color

Hex(2C265D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C265D |
| RGB | 44, 38, 93 |
| RGB Percent | 17%, 15%, 36% |
| CMY | 0.8275, 0.8510, 0.6353 |
| CMYK | 0.53, 0.59, 0.00, 0.64 |
| HSL | 247°, 42%, 26% |
| HSV | 247°, 59%, 36% |
| XYZ | 3.7076, 2.7120, 10.6840 |
| YIQ | 46.0640, -14.0790, 18.3770 |

Conversions

Conversions Part 2

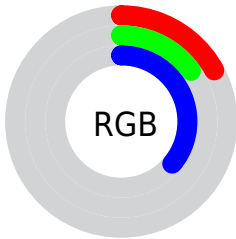
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 44, 38, 93 |
| Decimal | 2893405 |
| CIELab | 18.85, 19.35, -32.16 |
| CIELCh | 19, 37.531, 301.036 |
| Yxy | 2.7120, 0.2168, 0.1586 |
| Android (android.graphics.Color) | 4281083485 (0xFF2C265D) |
| YUV | 46.0640, 23.1394, -1.8101 |
| Hunter-Lab | 16.4682, 11.3677, -26.9375 |

Details

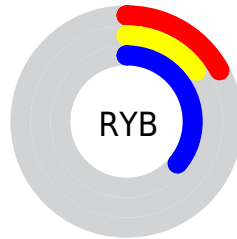
The Hex color **2C265D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **575D26**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5E5390**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **241D5D**, and if you desaturate by 10%, it is **342F5D**.

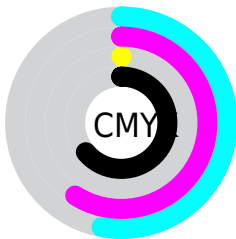
Distribution



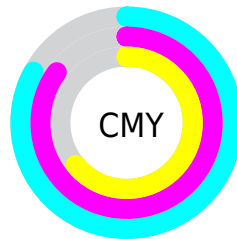
- Red (17%)
- Green (15%)
- Blue (36%)



- Red (17%)
- Yellow (15%)
- Blue (36%)



- Cyan (53%)
- Magenta (59%)
- Yellow (0%)
- Black (64%)



- Cyan (83%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C265D 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 2C265D by changing the saturation by 10% instead.

 2C265D

 2C265D

FFFFFF

 121245

 5E5390

 00002F

 786BAB

 000119

 9285C6

 000000

 AD9FE2

 C9BAFF

 E6D5FF

 FFF2FF

 2C265D

 2C265D

■ 241D5D

■ 342F5D

■ 1B135D

■ 3D395D

■ 130A5D

■ 45425D

■ 0B015D

■ 4D4B5D

■ 0A005D

■ 55555D

■ 5E5E5D

■ 66675D

■ 6E705D

■ 777A5D

Harmonies

Analogous

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



003165



2C265D



4E1749

Triad

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



2C265D



4E2200



00392E

Complementary

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



2C265D



575D26

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.



003811



2C265D



392D00

Square

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



2C265D



5A1314



1F3400



003949

Rectangle

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



2C265D



590D37



1F3400



003924

Sweetspot

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



2C265D



656278



26575D



31303D



BDBDBD



3D3D3D

Same Dimension

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



2C265D



2C2378



47265D



2A292E



0C006E



1A00ED

Inverse Universe

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



5D2657



78236F



3C5D26



2E292D



6E0062



ED00D3

Previews

White Background



This preview shows how the Hex color 2C265D looks on a white background.

Color Contrast Check

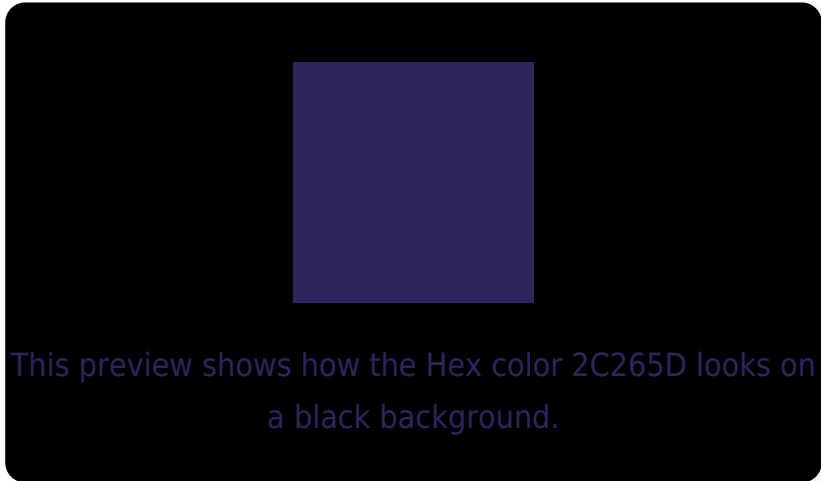
Large Text (above 18pt) WCAG AA ✓ Pass

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

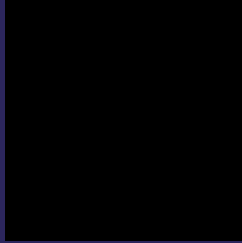
Any Text WCAG AA × Fail

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 2C265D Background



This preview shows how black text looks on a background with the Hex color 2C265D.



This preview shows how white text looks on a background with the Hex color 2C265D.

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
2C265D

Protanopia
002C5E

Deuteranopia
002F52



Tritanopia
1F3135

Trichromacy



Original Color
2C265D

Protanomaly
102A5E

Deuteranomaly
102C56

Tritanomaly
242D44

Monochromacy



Original Color
2C265D

Achromatopsia
2E2E2E

Achromatomaly
2D2B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C265D 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 #2C265D looks like.

```
.text, #text, p{  
    color:#2C265D  
}
```

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 #2C265D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C265D
}
```

Border

The CSS property to change the border of an element to Hex 2C265D 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
#2C265D }
```

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

```
.border{ border-color:#2C265D }
```

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

Here you see how a box with a 4 pixel #2C265D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C265D; -webkit-box-shadow:4px 4px  
4px 4px #2C265D; box-shadow:4px 4px 4px  
4px #2C265D }
```

Background

The CSS property to change the background color of an element to Hex 2C265D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C265D }
```

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

```
.background{ background-color:#2C265D }
```

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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