

Converting Colors

Hex(2C256D)

Have a look what the booklet for
Hex(2C256D) contains.

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Color

Hex(2C256D)

Conversions

Conversions Part 1

Format	Color
Hex	2C256D
RGB	44, 37, 109
RGB Percent	17%, 15%, 43%
CMY	0.8275, 0.8549, 0.5725
CMYK	0.60, 0.66, 0.00, 0.57
HSL	246°, 49%, 29%
HSV	246°, 66%, 43%
XYZ	4.4606, 2.9627, 14.8048
YIQ	47.3010, -18.9400, 23.8760

Conversions

Conversions Part 2

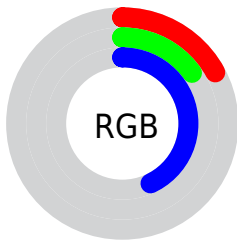
Format	Color
R_{YB}	44, 37, 109
Decimal	2893165
CIE _{Lab}	19.89, 25.64, -40.96
CIE _{LCh}	20, 48.319, 302.044
Yxy	2.9627, 0.2007, 0.1333
Android (android.graphics.Color)	4281083245 (0xFF2C256D)
YUV	47.3010, 30.4176, -2.8950
Hunter-Lab	17.2126, 16.1357, -38.9472

Details

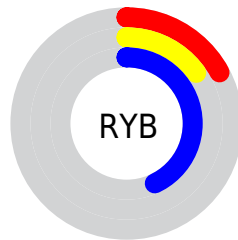
The Hex color **2C256D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **666D25**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6152A1**, and **00003D** is the 20% darker color. If you saturate the color by 10%, you get **221A6D**, and if you desaturate by 10%, it is **36306D**.

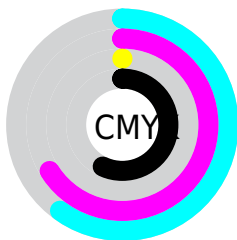
Distribution



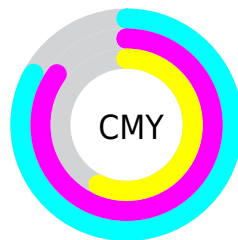
- Red (17%)
- Green (15%)
- Blue (43%)



- Red (17%)
- Yellow (15%)
- Blue (43%)



- Cyan (60%)
- Magenta (66%)
- Yellow (0%)
- Black (57%)



- Cyan (83%)
- Magenta (85%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C256D 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 2C256D by changing the saturation by 10% instead.

 2C256D

 2C256D

FFFFFF

 0D1054


 6152A1

 00003D

 7B6BBB

 000226

 9684D9

 00010F

 B29EF5

 000000

 CEB9FF

 EBD5FF

 FFF1FF

 2C256D

 2C256D

■ 221A6D

■ 36306D

■ 180F6D

■ 403B6D

■ 0E046D

■ 4A466D

■ 0B006D

■ 53516D

■ 5D5B6D

■ 67666D

■ 71716D

■ 7B7C6D

■ 85876D

Harmonies

Analogous

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



003478



2C256D



5A0852

Triad

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



2C256D



562000



003E32

Complementary

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



2C256D



666D25

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.



003C0A



2C256D



3A3000

Square

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



2C256D



67020C



153800



003E55

Rectangle

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



2C256D



68003B



153800



003E25

Sweetspot

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



2C256D



75728F



25676D



383647



C7C7C7



474747

Same Dimension

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



2C256D



291E8F



4F256D



313036



0B0075



1800F5

Inverse Universe

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



6D2566



8F1E84



436D25



363035



75006A



F500DD

Previews

White Background



This preview shows how the Hex color 2C256D looks on a white background.

Color Contrast Check

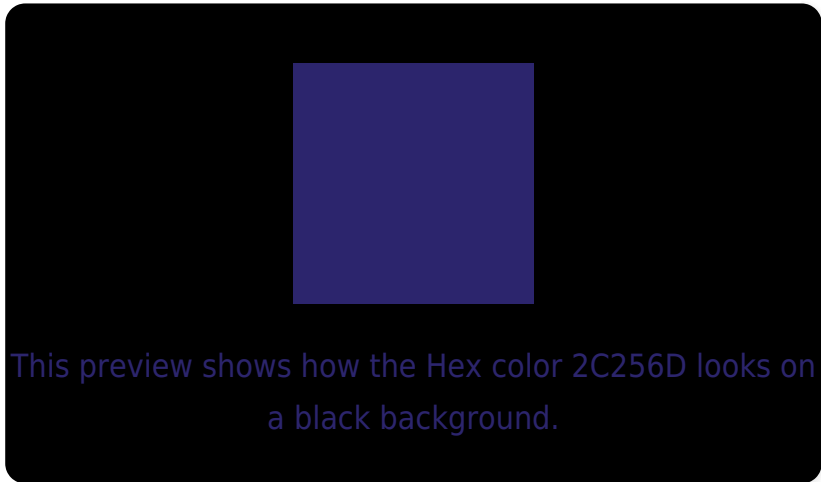
Large Text (above 18pt) WCAG AA ✓ Pass

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

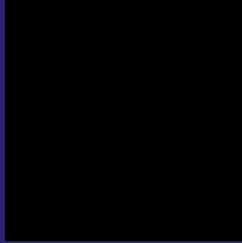
Any Text WCAG AA × Fail

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 2C256D Background



This preview shows how black text looks on a background with the Hex color 2C256D.



This preview shows how white text looks on a background with the Hex color 2C256D.

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
2C256D

Protanopia
002F63

Deuteranopia
003255



Tritanopia
143539

Trichromacy



Original Color
2C256D

Protanomaly
102B67

Deuteranomaly
102D5E

Tritanomaly
1D2F4C

Monochromacy



Original Color
2C256D

Achromatopsia
2F2F2F

Achromatomaly
2E2B46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C256D 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 #2C256D looks like.

```
.text, #text, p{  
    color:#2C256D  
}
```

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 #2C256D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C256D
}
```

Border

The CSS property to change the border of an element to Hex 2C256D is called "border". The border property can be set on classes, ids or directly on the HTML element.

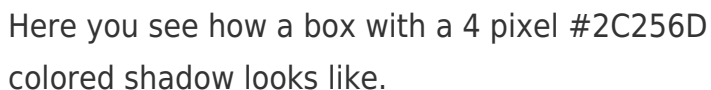
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C256D }
```

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

```
.border{ border-color:#2C256D }
```

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



Here you see how a box with a 4 pixel #2C256D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C256D; -webkit-box-shadow:4px 4px  
4px 4px #2C256D; box-shadow:4px 4px 4px  
4px #2C256D }
```

Background

The CSS property to change the background color of an element to Hex 2C256D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C256D }
```

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

```
.background{ background-color:#2C256D }
```

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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