

Converting Colors

Hex(2C2C5A)

Have a look what the booklet for
Hex(2C2C5A) contains.

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Color

Hex(2C2C5A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C2C5A |
| RGB | 44, 44, 90 |
| RGB Percent | 17%, 17%, 35% |
| CMY | 0.8275, 0.8275, 0.6471 |
| CMYK | 0.51, 0.51, 0.00, 0.65 |
| HSL | 240°, 34%, 26% |
| HSV | 240°, 51%, 35% |
| XYZ | 3.7849, 3.0750, 10.0669 |
| YIQ | 49.2440, -14.7660, 14.3060 |

Conversions

Conversions Part 2

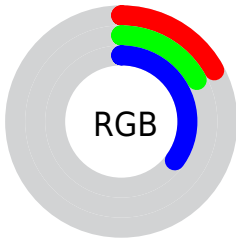
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 44, 44, 90 |
| Decimal | 2894938 |
| CIE _{Lab} | 20.34, 14.10, -27.78 |
| CIE _{LCh} | 20, 31.150, 296.906 |
| Yxy | 3.0750, 0.2236, 0.1817 |
| Android (android.graphics.Color) | 4281085018 (0xFF2C2C5A) |
| YUV | 49.2440, 20.0927, -4.5990 |
| Hunter-Lab | 17.5357, 7.8393, -21.7622 |

Details

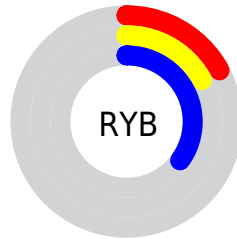
The Hex color **2C2C5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A5A2C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5D598C**, and **00002C** is the 20% darker color. If you saturate the color by 10%, you get **23235A**, and if you desaturate by 10%, it is **35355A**.

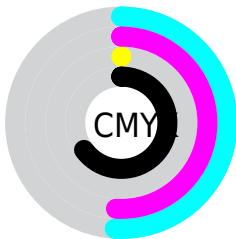
Distribution



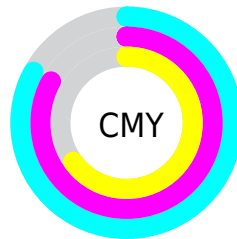
- Red (17%)
- Green (17%)
- Blue (35%)



- Red (17%)
- Yellow (17%)
- Blue (35%)



- Cyan (51%)
- Magenta (51%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (83%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2C5A 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 2C2C5A by changing the saturation by 10% instead.

■ 2C2C5A

■ 2C2C5A

FFFFFF

■ 131842

■ 5D598C

■ 00002C

■ 7772A7

■ 000116

■ 918BC2

■ 000000

■ ACA6DE

■ C8C1FB

■ E4DDFF

■ FFF9FF

■ 2C2C5A

■ 2C2C5A

■ 23235A

■ 35355A

■ 1A1A5A

■ 3E3E5A

■ 11115A

■ 47475A

■ 08085A

■ 50505A

■ 00005A

■ 59595A

■ 62625A

■ 6B6B5A

■ 74745A

■ 7D7D5A

Harmonies

Analogous

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



00345F



2C2C5A



4A214A

Triad

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



2C2C5A



4F2608



003B2E

Complementary

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



2C2C5A



5A5A2C

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.



043A17



2C2C5A



3F2F00

Square

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



2C2C5A



591D1E



283601



003C45

Rectangle

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



2C2C5A



551C3C



283601



003B26

Sweetspot

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



2C2C5A



646475



2C5A5A



30303B



BABABA



3B3B3B

Same Dimension

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



2C2C5A



2E2E75



432C5A



29292E



00006E



0000ED

Inverse Universe

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



5A2C5A



752E75



435A2C



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 2C2C5A looks on a white background.

Color Contrast Check

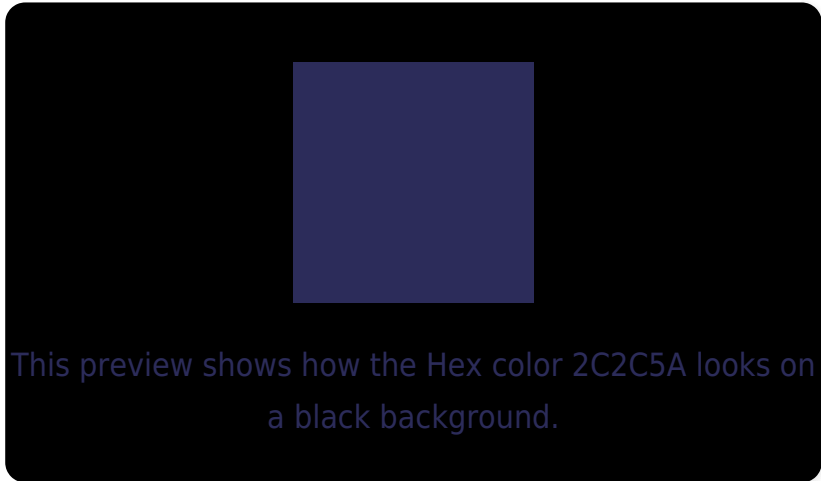
Large Text (above 18pt) WCAG AA ✓ Pass

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

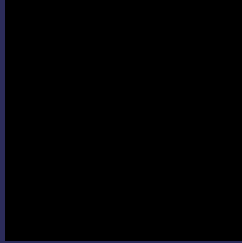
Any Text WCAG AA × Fail

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 2C2C5A Background



This preview shows how black text looks on a background with the Hex color 2C2C5A.



This preview shows how white text looks on a background with the Hex color 2C2C5A.

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](#).

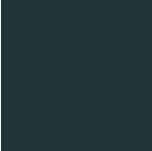
Dichromacy



Original Color
2C2C5A

Protanopia
17305E

Deuteranopia
063259



Tritanopia
213438

Trichromacy



Original Color
2C2C5A

Protanomaly
1F2F5D

Deuteranomaly
143059

Tritanomaly
253144

Monochromacy



Original Color
2C2C5A

Achromatopsia
313131

Achromatomaly
2F2F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2C5A 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 #2C2C5A looks like.

```
.text, #text, p{  
    color:#2C2C5A  
}
```

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 #2C2C5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2C5A
}
```

Border

The CSS property to change the border of an element to Hex 2C2C5A 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
#2C2C5A }
```

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

```
.border{ border-color:#2C2C5A }
```

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

Here you see how a box with a 4 pixel #2C2C5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2C5A; -webkit-box-shadow:4px 4px  
4px 4px #2C2C5A; box-shadow:4px 4px 4px  
4px #2C2C5A }
```

Background

The CSS property to change the background color of an element to Hex 2C2C5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2C5A }
```

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

```
.background{ background-color:#2C2C5A }
```

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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