

Converting Colors

Hex(2C3145)

Have a look what the booklet for
Hex(2C3145) contains.

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Color

Hex(2C3145)

Conversions

Conversions Part 1

Format	Color
Hex	2C3145
RGB	44, 49, 69
RGB Percent	17%, 19%, 27%
CMY	0.8275, 0.8078, 0.7294
CMYK	0.36, 0.29, 0.00, 0.73
HSL	228°, 22%, 22%
HSV	228°, 36%, 27%
XYZ	3.2112, 3.1618, 6.0713
YIQ	49.7850, -9.4000, 5.1600

Conversions

Conversions Part 2

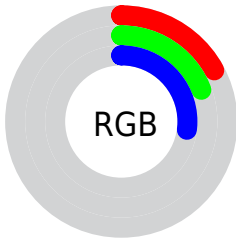
Format	Color
R_{YB}	44, 48, 69
Decimal	2896197
CIE _{Lab}	20.68, 3.53, -13.17
CIE _{LCh}	21, 13.631, 285.024
Yxy	3.1618, 0.2580, 0.2541
Android (android.graphics.Color)	4281086277 (0xFF2C3145)
YUV	49.7850, 9.4730, -5.0734
Hunter-Lab	17.7814, 1.1185, -7.7970

Details

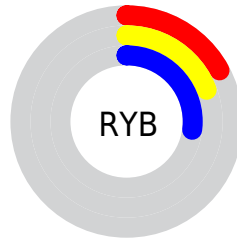
The Hex color **2C3145** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45402C**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5A5F75**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **252B45**, and if you desaturate by 10%, it is **333745**.

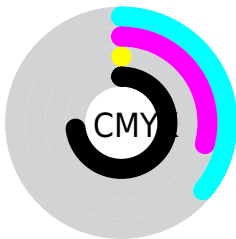
Distribution



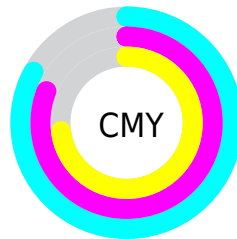
- Red (17%)
- Green (19%)
- Blue (27%)



- Red (17%)
- Yellow (19%)
- Blue (27%)



- Cyan (36%)
- Magenta (29%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3145 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 2C3145 by changing the saturation by 10% instead.

■ 2C3145

■ 2C3145

FFFFFF

■ 161C2F

■ 5A5F75

■ 00011A

■ 73788F

■ 000000

■ 8D91A9

■ A7ACC5

■ C3C7E1

■ DFE3FD

■ FBFFFF

■ 2C3145

■ 2C3145

■ 252B45

■ 333745

■ 1E2645

■ 3A3C45

■ 172045

■ 414245

■ 101B45

■ 484745

■ 0A1545

■ 4F4D45

■ 031045

■ 555245

■ 000E45

■ 5C5845

■ 635D45

■ 6A6345

Harmonies

Analogous

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



1D3445



2C3145



392D40

Triad

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



2C3145



442C24



1D372C

Complementary

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



2C3145



45402C

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.



283523



2C3145



3D2F1F

Square

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



2C3145



462A2D



34331E



123737

Rectangle

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



2C3145



402C3A



34331E



203729

Sweetspot

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



2C3145



4F5159



2C4540



28292E



ADADAD



2E2E2E

Same Dimension

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



2C3145



333B59



332C45



202124



001463



002DE3

Inverse Universe

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



452C31



59333B



3D452C



242021



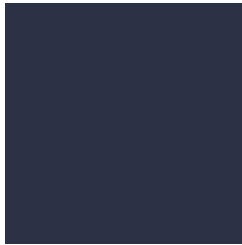
630014



E3002D

Previews

White Background



This preview shows how the Hex color 2C3145 looks on a white background.

Color Contrast Check

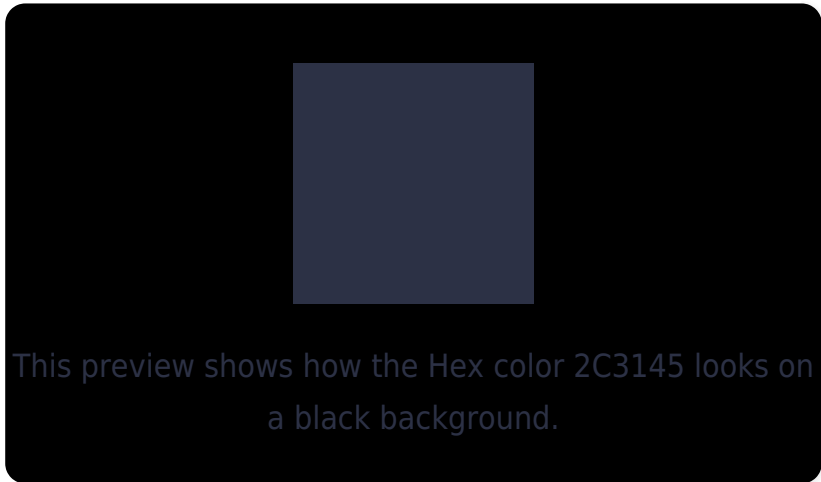
Large Text (above 18pt) WCAG AA ✓ Pass

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

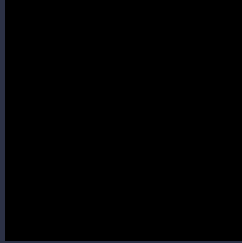
Any Text WCAG AA × Fail

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 2C3145 Background



This preview shows how black text looks on a background with the Hex color 2C3145.



This preview shows how white text looks on a background with the Hex color 2C3145.

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
2C3145

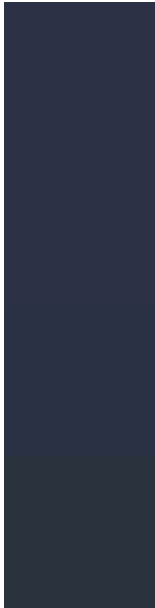
Protanopia
2C3145

Deuteranopia
2B3145



Tritanopia
293438

Trichromacy



Original Color
2C3145

Protanomaly
2C3145

Deuteranomaly
2B3145

Tritanomaly
2A333D

Monochromacy



Original Color
2C3145

Achromatopsia
323232

Achromatomaly
303239

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3145 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 #2C3145 looks like.

```
.text, #text, p{  
    color:#2C3145  
}
```

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 #2C3145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3145
}
```

Border

The CSS property to change the border of an element to Hex 2C3145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

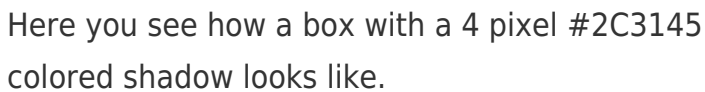
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3145 }
```

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

```
.border{ border-color:#2C3145 }
```

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



Here you see how a box with a 4 pixel #2C3145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3145; -webkit-box-shadow:4px 4px  
4px 4px #2C3145; box-shadow:4px 4px 4px  
4px #2C3145 }
```

Background

The CSS property to change the background color of an element to Hex 2C3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3145 }
```

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

```
.background{ background-color:#2C3145 }
```

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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