

Converting Colors

Hex(2C3C45)

Have a look what the booklet for
Hex(2C3C45) contains.

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Color

Hex(2C3C45)

Conversions

Conversions Part 1

Format	Color
Hex	2C3C45
RGB	44, 60, 69
RGB Percent	17%, 24%, 27%
CMY	0.8275, 0.7647, 0.7294
CMYK	0.36, 0.13, 0.00, 0.73
HSL	202°, 22%, 22%
HSV	202°, 36%, 27%
XYZ	3.7287, 4.1969, 6.2438
YIQ	56.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

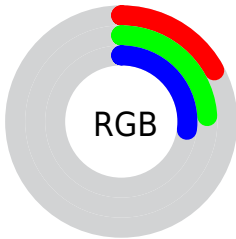
Format	Color
RYB	44, 54, 69
Decimal	2899013
CIELab	24.31, -3.86, -7.62
CIELCh	24, 8.545, 243.115
Yxy	4.1969, 0.2632, 0.2962
Android (android.graphics.Color)	4281089093 (0xFF2C3C45)
YUV	56.2420, 6.2897, -10.7362
Hunter-Lab	20.4862, -3.3618, -3.7300

Details

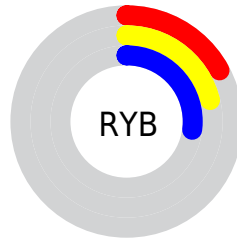
The Hex color **2C3C45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45352C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5B6B75**, and **00121A** is the 20% darker color. If you saturate the color by 10%, you get **253A45**, and if you desaturate by 10%, it is **333E45**.

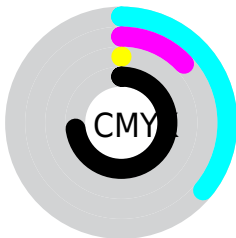
Distribution



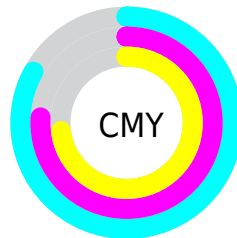
- Red (17%)
- Green (24%)
- Blue (27%)



- Red (17%)
- Yellow (21%)
- Blue (27%)



- Cyan (36%)
- Magenta (13%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3C45 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 2C3C45 by changing the saturation by 10% instead.

■ 2C3C45

■ 2C3C45

FFFFFF

■ 16262F

■ 5B6B75

■ 00121A

■ 73848F

■ 000000

■ 8D9FA9

■ A8B9C4

■ C3D5E0

■ DFF2FD

■ FCFFFF

■ 2C3C45

■ 2C3C45

■ 253A45

■ 333E45

■ 1E3745

■ 3A4145

■ 173545

■ 414345

■ 103245

■ 484645

■ 0A3045

■ 4F4845

■ 032D45

■ 554B45

■ 002C45

■ 5C4D45

■ 635045

■ 6A5245

Harmonies

Analogous

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



293D41



2C3C45



333A46

Triad

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



2C3C45



473539



373C2F

Complementary

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



2C3C45



45352C

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.



3E3A2D



2C3C45



473633

Square

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



2C3C45



433640



44372F



303D34

Rectangle

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



2C3C45



393946



44372F



393B2E

Sweetspot

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



2C3C45



4F5659



2C4535



282C2E



ADADAD



2E2E2E

Same Dimension

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



2C3C45



334B59



2C3045



202224



004063



0091E3

Inverse Universe

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



452C3C



59334B



45412C



242022



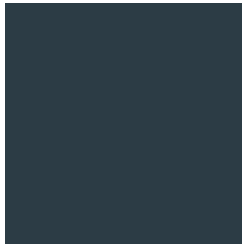
630040



E30091

Previews

White Background



This preview shows how the Hex color 2C3C45 looks on a white background.

Color Contrast Check

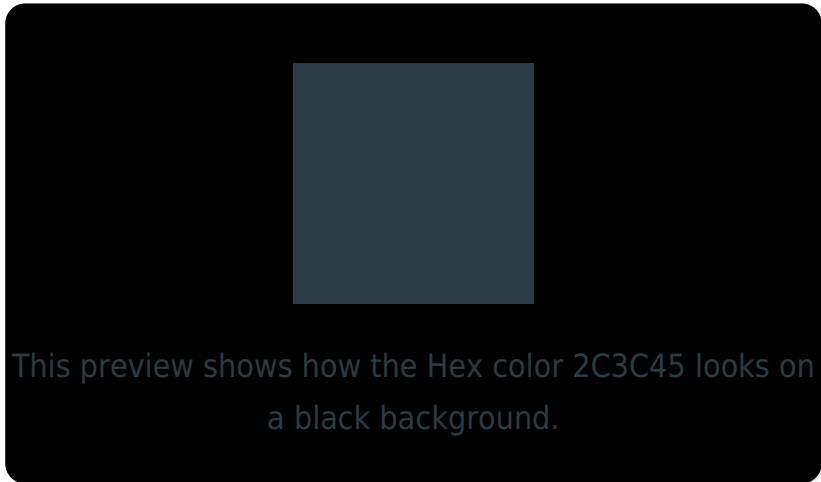
Large Text (above 18pt) WCAG AA ✓ Pass

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

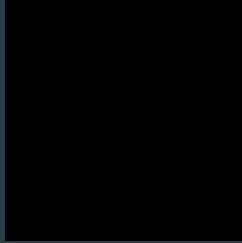
Any Text WCAG AA × Fail

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 2C3C45 Background



This preview shows how black text looks on a background with the Hex color 2C3C45.



This preview shows how white text looks on a background with the Hex color 2C3C45.

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
2C3C45

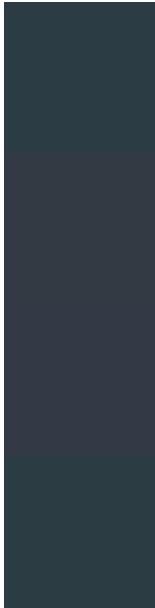
Protanopia
383943

Deuteranopia
393846



Tritanopia
2B3D41

Trichromacy



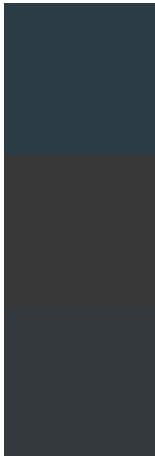
Original Color
2C3C45

Protanomaly
343A44

Deuteranomaly
343946

Tritanomaly
2B3D42

Monochromacy



Original Color
2C3C45

Achromatopsia
383838

Achromatomaly
34393D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3C45 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 #2C3C45 looks like.

```
.text, #text, p{  
    color:#2C3C45  
}
```

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 #2C3C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3C45
}
```

Border

The CSS property to change the border of an element to Hex 2C3C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

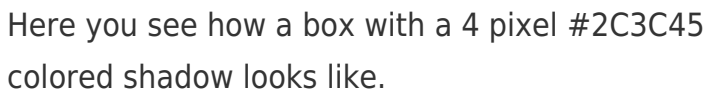
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3C45 }
```

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

```
.border{ border-color:#2C3C45 }
```

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



Here you see how a box with a 4 pixel #2C3C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3C45; -webkit-box-shadow:4px 4px  
4px 4px #2C3C45; box-shadow:4px 4px 4px  
4px #2C3C45 }
```

Background

The CSS property to change the background color of an element to Hex 2C3C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3C45 }
```

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

```
.background{ background-color:#2C3C45 }
```

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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