

Converting Colors

Hex(2C3F45)

Have a look what the booklet for
Hex(2C3F45) contains.

Hex(2C3F45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C3F45)

Conversions

Conversions Part 1

Format	Color
Hex	2C3F45
RGB	44, 63, 69
RGB Percent	17%, 25%, 27%
CMY	0.8275, 0.7529, 0.7294
CMYK	0.36, 0.09, 0.00, 0.73
HSL	194°, 22%, 22%
HSV	194°, 36%, 27%
XYZ	3.8904, 4.5202, 6.2977
YIQ	58.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

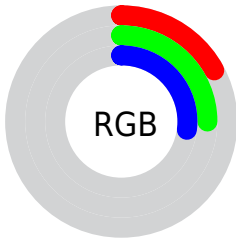
Format	Color
RYB	44, 55, 69
Decimal	2899781
CIELab	25.32, -5.80, -6.10
CIELCh	25, 8.415, 226.475
Yxy	4.5202, 0.2645, 0.3073
Android (android.graphics.Color)	4281089861 (0xFF2C3F45)
YUV	58.0030, 5.4215, -12.2806
Hunter-Lab	21.2607, -4.5433, -2.6799

Details

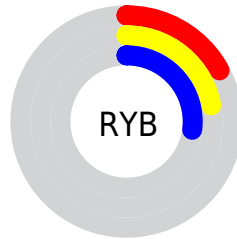
The Hex color **2C3F45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45322C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5B6F75**, and **00151A** is the 20% darker color. If you saturate the color by 10%, you get **253D45**, and if you desaturate by 10%, it is **334145**.

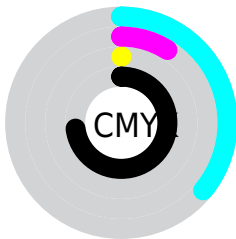
Distribution



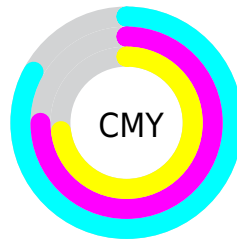
- Red (17%)
- Green (25%)
- Blue (27%)



- Red (17%)
- Yellow (22%)
- Blue (27%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3F45 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 2C3F45 by changing the saturation by 10% instead.



2C3F45



2C3F45

FFFFFF



16292F



5B6F75



00151A



73888F



000000



8DA2A9



A8BDC4



C3D9E0



DFF5FD



FCFFFF



2C3F45



2C3F45

■ 253D45

■ 334145

■ 1E3C45

■ 3A4245

■ 173A45

■ 414445

■ 103845

■ 484645

■ 0A3745

■ 4F4745

■ 033545

■ 554945

■ 003445

■ 5C4B45

■ 634C45

■ 6A4E45

Harmonies

Analogous

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



2B403F



2C3F45



313D48

Triad

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



2C3F45



47383F



3D3D30

Complementary

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



2C3F45



45322C

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.



443B30



2C3F45



493839

Square

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



2C3F45



413945



483933



363E33

Rectangle

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



2C3F45



373C49



483933



403C2F

Sweetspot

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



2C3F45



4F5759



2C4532



282C2E



ADADAD



2E2E2E

Same Dimension

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



2C3F45



335059



2C3345



202324



004C63



00ACE3

Inverse Universe

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



452C3F



593350



453E2C



242023



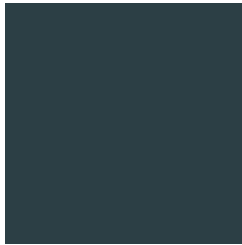
63004C



E300AC

Previews

White Background



This preview shows how the Hex color 2C3F45 looks on a white background.

Color Contrast Check

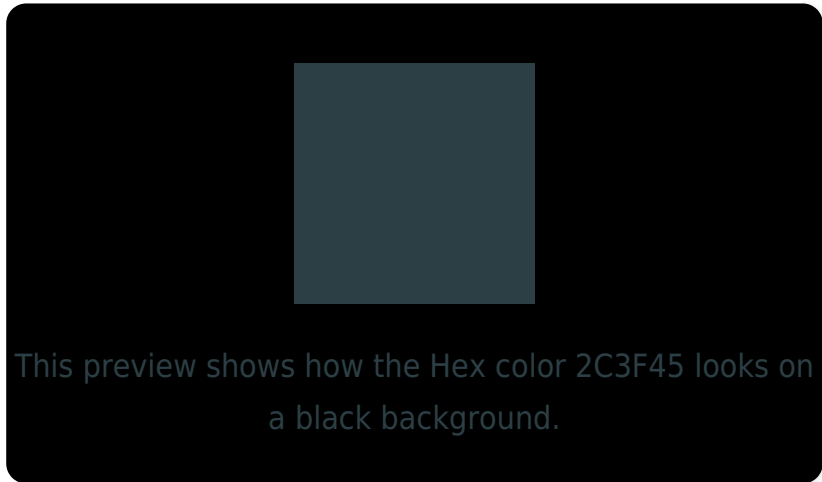
Large Text (above 18pt) WCAG AA ✓ Pass

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

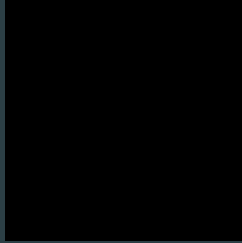
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

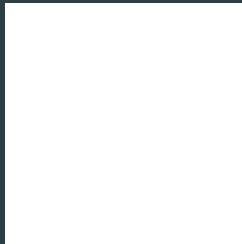
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C3F45 Background



This preview shows how black text looks on a background with the Hex color 2C3F45.



This preview shows how white text looks on a background with the Hex color 2C3F45.

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
2C3F45

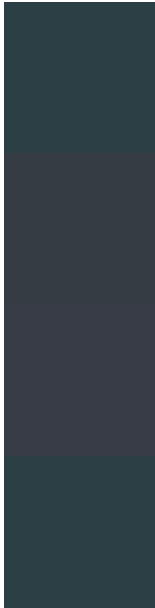
Protanopia
3B3B43

Deuteranopia
3D3A46



Tritanopia
2C3F44

Trichromacy



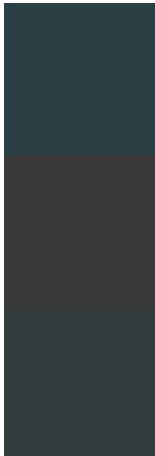
Original Color
2C3F45

Protanomaly
363C44

Deuteranomaly
373C46

Tritanomaly
2C3F44

Monochromacy



Original Color
2C3F45

Achromatopsia
3A3A3A

Achromatomaly
353C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3F45 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 #2C3F45 looks like.

```
.text, #text, p{  
    color:#2C3F45  
}
```

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 #2C3F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3F45
}
```

Border

The CSS property to change the border of an element to Hex 2C3F45 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
#2C3F45 }
```

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

```
.border{ border-color:#2C3F45 }
```

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

Here you see how a box with a 4 pixel #2C3F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3F45; -webkit-box-shadow:4px 4px  
4px 4px #2C3F45; box-shadow:4px 4px 4px  
4px #2C3F45 }
```

Background

The CSS property to change the background color of an element to Hex 2C3F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3F45 }
```

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

```
.background{ background-color:#2C3F45 }
```

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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