

Converting Colors

Hex(2C3F53)

Have a look what the booklet for
Hex(2C3F53) contains.

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Color

Hex(2C3F53)

Conversions

Conversions Part 1

Format	Color
Hex	2C3F53
RGB	44, 63, 83
RGB Percent	17%, 25%, 33%
CMY	0.8275, 0.7529, 0.6745
CMYK	0.47, 0.24, 0.00, 0.67
HSL	211°, 31%, 25%
HSV	211°, 47%, 33%
XYZ	4.3775, 4.7150, 8.8630
YIQ	59.5990, -17.7440, 2.1920

Conversions

Conversions Part 2

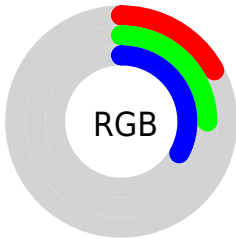
Format	Color
R_{YB}	44, 57, 83
Decimal	2899795
CIE _{Lab}	25.91, -1.41, -14.42
CIE _{LCh}	26, 14.492, 264.427
Yxy	4.7150, 0.2438, 0.2626
Android (android.graphics.Color)	4281089875 (0xFF2C3F53)
YUV	59.5990, 11.5367, -13.6803
Hunter-Lab	21.7141, -2.0142, -9.0004

Details

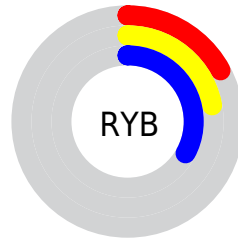
The Hex color **2C3F53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53402C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5C6E85**, and **001526** is the 20% darker color. If you saturate the color by 10%, you get **243B53**, and if you desaturate by 10%, it is **344353**.

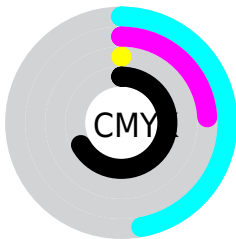
Distribution



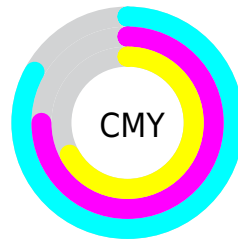
- Red (17%)
- Green (25%)
- Blue (33%)



- Red (17%)
- Yellow (22%)
- Blue (33%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (67%)



- Cyan (83%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3F53 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 2C3F53 by changing the saturation by 10% instead.



2C3F53



2C3F53

FFFFFF



15293C



5C6E85



001526



75889F



000111



8FA2BA



000000



AABDD5



C5D9F2



E1F5FF

FEFFFF



2C3F53



2C3F53

■ 243B53

■ 344353

■ 1B3653

■ 3D4853

■ 133253

■ 454C53

■ 0B2E53

■ 4D5053

■ 032A53

■ 555453

■ 002853

■ 5E5953

■ 665D53

■ 6E6153

■ 776553

Harmonies

Analogous

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



1E424F



2C3F53



3C3B51

Triad

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



2C3F53



533635



2F4230

Complementary

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



2C3F53



53402C

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.



3C3F29



2C3F53



4F382C

Square

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



2C3F53



513540



473C28



23433B

Rectangle

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



2C3F53



45394D



473C28



33412D

Sweetspot

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



2C3F53



5C636B



2C533F



2C3136



B5B5B5



363636

Same Dimension

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



2C3F53



2F4C6B



2C2C53



252729



003369



0071E8

Inverse Universe

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



532C3F



6B2F4C



53532C



292527



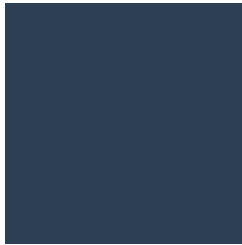
690033



E80071

Previews

White Background



This preview shows how the Hex color 2C3F53 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

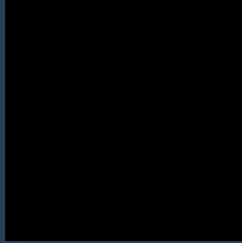
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

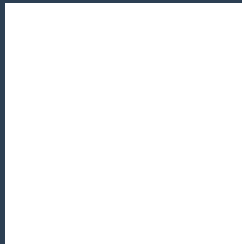
Any Text WCAG AAA × Fail

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

Hex 2C3F53 Background



This preview shows how black text looks on a background with the Hex color 2C3F53.

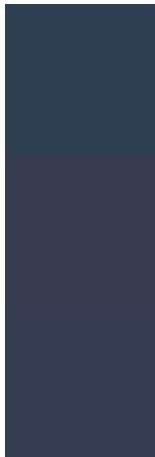


This preview shows how white text looks on a background with the Hex color 2C3F53.

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
2C3F53

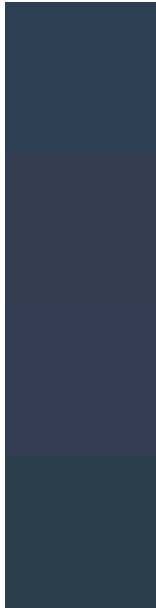
Protanopia
383C51

Deuteranopia
363C54



Tritanopia
284147

Trichromacy



Original Color
2C3F53

Protanomaly
343D52

Deuteranomaly
323D54

Tritanomaly
29404B

Monochromacy



Original Color
2C3F53

Achromatopsia
3C3C3C

Achromatomaly
363D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3F53 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 #2C3F53 looks like.

```
.text, #text, p{  
  color:#2C3F53  
}
```

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 #2C3F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3F53
}
```

Border

The CSS property to change the border of an element to Hex 2C3F53 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
#2C3F53 }
```

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

```
.border{ border-color:#2C3F53 }
```

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

Here you see how a box with a 4 pixel #2C3F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3F53; -webkit-box-shadow:4px 4px  
4px 4px #2C3F53; box-shadow:4px 4px 4px  
4px #2C3F53 }
```

Background

The CSS property to change the background color of an element to Hex 2C3F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3F53 }
```

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

```
.background{ background-color:#2C3F53 }
```

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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