

Converting Colors

Hex(2C4460)

Have a look what the booklet for
Hex(2C4460) contains.

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Color

Hex(2C4460)

Conversions

Conversions Part 1

Format	Color
Hex	2C4460
RGB	44, 68, 96
RGB Percent	17%, 27%, 38%
CMY	0.8275, 0.7333, 0.6235
CMYK	0.54, 0.29, 0.00, 0.62
HSL	212°, 37%, 27%
HSV	212°, 54%, 38%
XYZ	5.2171, 5.5142, 11.8557
YIQ	64.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

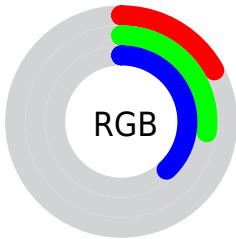
Format	Color
R _Y B	44, 60, 96
Decimal	2901088
CIE Lab	28.15, -0.29, -19.38
CIE LCh	28, 19.381, 269.141
Yxy	5.5142, 0.2310, 0.2441
Android (android.graphics.Color)	4281091168 (0xFF2C4460)
YUV	64.0160, 15.7681, -17.5540
Hunter-Lab	23.4824, -1.4365, -13.4964

Details

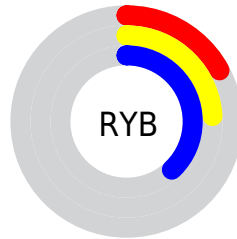
The Hex color **2C4460** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **60482C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5D7493**, and **001932** is the 20% darker color. If you saturate the color by 10%, you get **223F60**, and if you desaturate by 10%, it is **364960**.

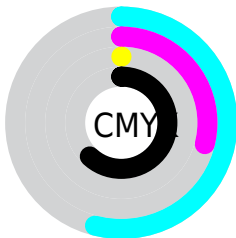
Distribution



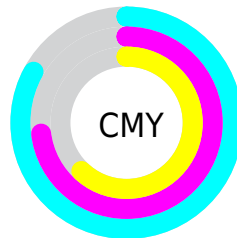
- Red (17%)
- Green (27%)
- Blue (38%)



- Red (17%)
- Yellow (24%)
- Blue (38%)



- Cyan (54%)
- Magenta (29%)
- Yellow (0%)
- Black (62%)



- Cyan (83%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4460 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 2C4460 by changing the saturation by 10% instead.



2C4460



2C4460

FFFFFF



132E48



5D7493



001932



778DAD



00021D



91A8C9



000000



ACC3E5



C8DFFF



E4FBFF



2C4460



2C4460



223F60



364960

■ 193A60

■ 3F4E60

■ 0F3460

■ 495460

■ 062F60

■ 525960

■ 002C60

■ 5C5E60

■ 666360

■ 6F6860

■ 796D60

■ 827360

Harmonies

Analogous

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



11485C



2C4460



433F5C

Triad

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



2C4460



5F3835



2B4933

Complementary

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



2C4460



60482C

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.



3D4628



2C4460



593C29

Square

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



2C4460



5E3743



4D4124



174A41

Rectangle

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



2C4460



503B56



4D4124



32482E

Sweetspot

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



2C4460



69727D



2C6048



343940



BFBFBF



404040

Same Dimension

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



2C4460



2C517D



2E2C60



2C2E30



003470



006FF0

Inverse Universe

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



602C44



7D2C51



5E602C



302C2E



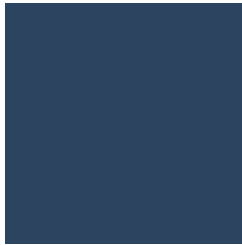
700034



F0006F

Previews

White Background



This preview shows how the Hex color 2C4460 looks on a white background.

Color Contrast Check

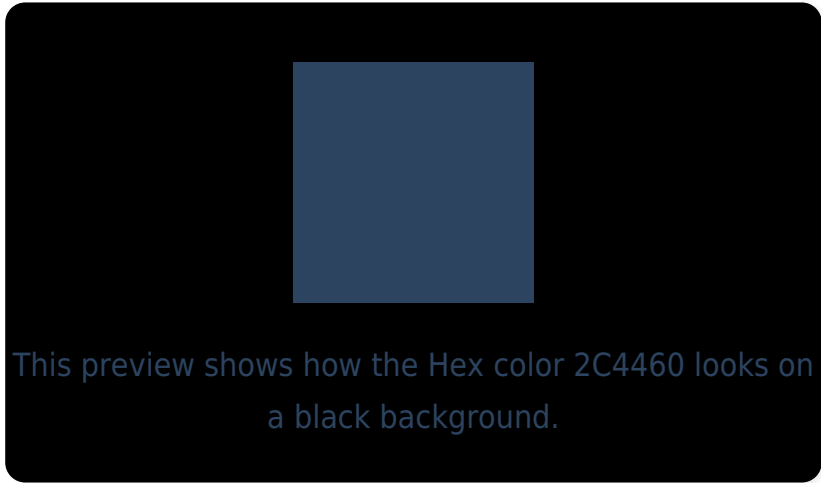
Large Text (above 18pt) WCAG AA ✓ Pass

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

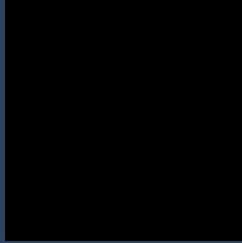
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

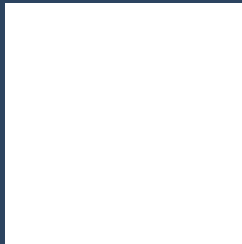
Any Text WCAG AAA × Fail

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

Hex 2C4460 Background



This preview shows how black text looks on a background with the Hex color 2C4460.



This preview shows how white text looks on a background with the Hex color 2C4460.

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](#).

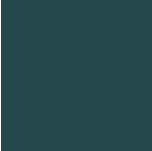
Dichromacy



Original Color
2C4460

Protanopia
39415E

Deuteranopia
364261



Tritanopia
25484D

Trichromacy



Original Color
2C4460

Protanomaly
34425F

Deuteranomaly
324361

Tritanomaly
284754

Monochromacy



Original Color
2C4460

Achromatopsia
404040

Achromatomaly
39414C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4460 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 #2C4460 looks like.

```
.text, #text, p{  
    color:#2C4460  
}
```

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 #2C4460 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4460
}
```

Border

The CSS property to change the border of an element to Hex 2C4460 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
#2C4460 }
```

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

```
.border{ border-color:#2C4460 }
```

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

Here you see how a box with a 4 pixel #2C4460 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4460; -webkit-box-shadow:4px 4px  
4px 4px #2C4460; box-shadow:4px 4px 4px  
4px #2C4460 }
```

Background

The CSS property to change the background color of an element to Hex 2C4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4460 }
```

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

```
.background{ background-color:#2C4460 }
```

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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