

Converting Colors

Hex(2A4142)

Have a look what the booklet for
Hex(2A4142) contains.

Hex(2A4142)	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(2A4142)

Conversions

Conversions Part 1

Format	Color
Hex	2A4142
RGB	42, 65, 66
RGB Percent	16%, 25%, 26%
CMY	0.8353, 0.7451, 0.7412
CMYK	0.36, 0.02, 0.00, 0.74
HSL	183°, 22%, 21%
HSV	183°, 36%, 26%
XYZ	3.8285, 4.6662, 5.8531
YIQ	58.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

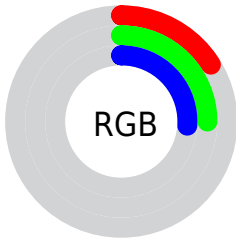
Format	Color
RYB	42, 54, 66
Decimal	2769218
CIELab	25.76, -8.61, -3.48
CIELCh	26, 9.288, 201.994
Yxy	4.6662, 0.2668, 0.3252
Android (android.graphics.Color)	4280959298 (0xFF2A4142)
YUV	58.2370, 3.8272, -14.2398
Hunter-Lab	21.6013, -6.1659, -0.9444

Details

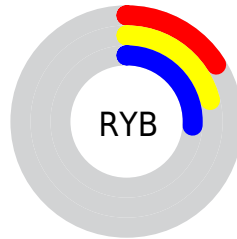
The Hex color **2A4142** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422B2A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **597172**, and **001717** is the 20% darker color. If you saturate the color by 10%, you get **234142**, and if you desaturate by 10%, it is **314142**.

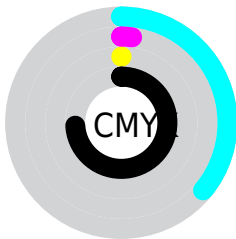
Distribution



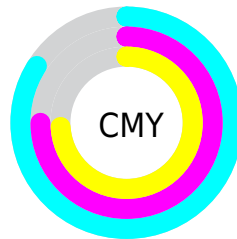
- Red (16%)
- Green (25%)
- Blue (26%)



- Red (16%)
- Yellow (21%)
- Blue (26%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4142 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 2A4142 by changing the saturation by 10% instead.

■ 2A4142

■ 2A4142

FFFFFF

■ 142B2C

■ 597172

■ 001717

■ 718A8B

■ 000000

■ 8BA5A6

■ A6C0C1

■ C1DCDD

■ DDF8F9

■ FAFFFF

■ 2A4142

■ 2A4142

■ 234142

■ 314142

■ 1D4042

■ 374242

■ 164042

■ 3E4242

■ 104042

■ 444242

■ 094042

■ 4B4242

■ 023F42

■ 524342

■ 003F42

■ 584342

■ 5F4342

■ 654342

Harmonies

Analogous

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



2E413B



2A4142



2C4048

Triad

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



2A4142



443A46



443C2F

Complementary

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



2A4142



422B2A

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.



4A3A32



2A4142



4A383F

Square

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



2A4142



3C3C4A



4C3838



3D3E30

Rectangle

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



2A4142



303F4A



4C3838



463B30

Sweetspot

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



2A4142



4D5657



2A422B



262B2B



ABABAB



2B2B2B

Same Dimension

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



2A4142



315557



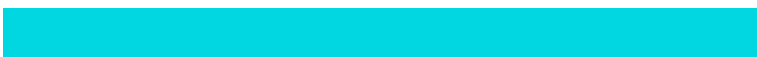
2A3542



1E2121



005D61



00D7E0

Inverse Universe

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



422A41



573155



42372A



211E21



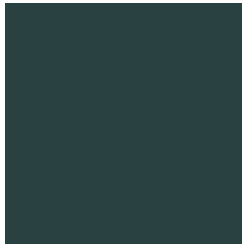
61005D



E000D7

Previews

White Background



This preview shows how the Hex color 2A4142 looks on a white background.

Color Contrast Check

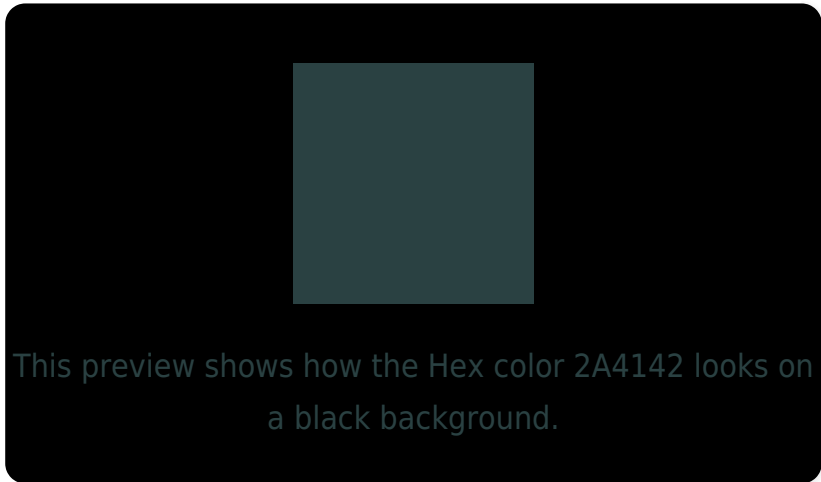
Large Text (above 18pt) WCAG AA ✓ Pass

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

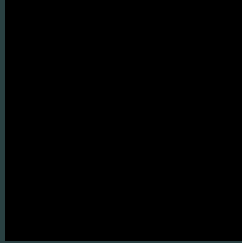
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

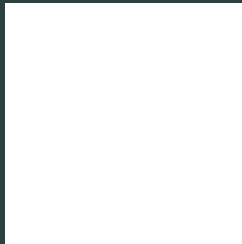
Any Text WCAG AAA × Fail

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

Hex 2A4142 Background



This preview shows how black text looks on a background with the Hex color 2A4142.



This preview shows how white text looks on a background with the Hex color 2A4142.

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
2A4142

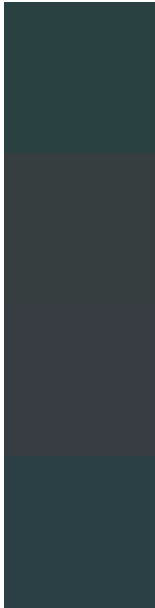
Protanopia
3D3D3F

Deuteranopia
403B43



Tritanopia
2B4046

Trichromacy



Original Color

2A4142

Protanomaly

363E40

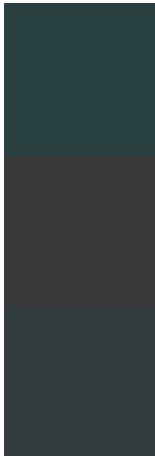
Deuteranomaly

383D43

Tritanomaly

2B4045

Monochromacy



Original Color

2A4142

Achromatopsia

3A3A3A

Achromatomaly

343D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4142 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 #2A4142 looks like.

```
.text, #text, p{  
    color:#2A4142  
}
```

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 #2A4142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4142
}
```

Border

The CSS property to change the border of an element to Hex 2A4142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

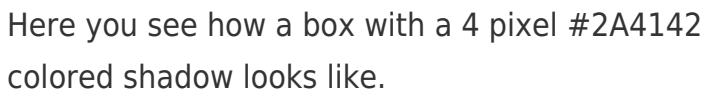
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A4142 }
```

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

```
.border{ border-color:#2A4142 }
```

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



Here you see how a box with a 4 pixel #2A4142 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4142; -webkit-box-shadow:4px 4px  
4px 4px #2A4142; box-shadow:4px 4px 4px  
4px #2A4142 }
```

Background

The CSS property to change the background color of an element to Hex 2A4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4142 }
```

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

```
.background{ background-color:#2A4142 }
```

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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