

Converting Colors

Hex(2A4157)

Have a look what the booklet for
Hex(2A4157) contains.

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Color

Hex(2A4157)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2A4157 |
| RGB | 42, 65, 87 |
| RGB Percent | 16%, 25%, 34% |
| CMY | 0.8353, 0.7451, 0.6588 |
| CMYK | 0.52, 0.25, 0.00, 0.66 |
| HSL | 209°, 35%, 25% |
| HSV | 209°, 52%, 34% |
| XYZ | 4.5654, 4.9610, 9.7338 |
| YIQ | 60.6310, -20.7700, 1.9660 |

Conversions

Conversions Part 2

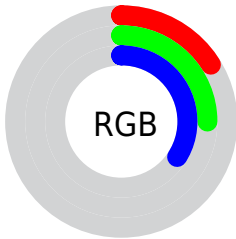
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 42, 57, 87 |
| Decimal | 2769239 |
| CIE _{Lab} | 26.62, -1.97, -15.94 |
| CIE _{LCh} | 27, 16.060, 262.967 |
| Yxy | 4.9610, 0.2370, 0.2576 |
| Android (android.graphics.Color) | 4280959319 (0xFF2A4157) |
| YUV | 60.6310, 12.9999, -16.3394 |
| Hunter-Lab | 22.2732, -2.3901, -10.3195 |




Details

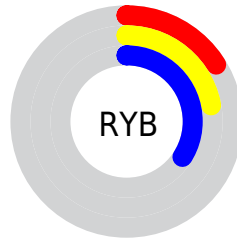
The Hex color **2A4157** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **57402A**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **5A7189**, and **00172A** is the 20% darker color. If you saturate the color by 10%, you get **213D57**, and if you desaturate by 10%, it is **334557**.

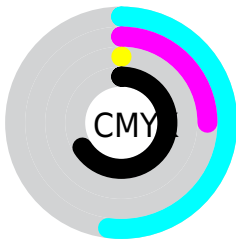
Distribution







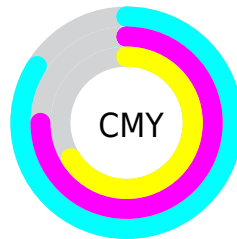
-  Red (16%)
-  Green (25%)
-  Blue (34%)






-  Red (16%)
-  Yellow (22%)
-  Blue (34%)



-  Cyan (52%)
-  Magenta (25%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4157 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 2A4157 by changing the saturation by 10% instead.

■ 2A4157

■ 2A4157

FFFFFF

■ 122B40

■ 5A7189

■ 00172A

■ 748AA3

■ 000115

■ 8EA4BE

■ 000000

■ A9BFDA

■ C4DBF7

■ E0F8FF

■ FDFFFF

■ 2A4157

■ 2A4157

■ 213D57

■ 334557

■ 193857

■ 3B4A57

■ 103457

■ 444E57

■ 073057

■ 4D5257

■ 002C57

■ 565657

■ 5E5B57

■ 675F57

■ 706357

■ 786757

Harmonies

Analogous

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



1A4452



2A4157



3D3D55

Triad

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



2A4157



573636



304430

Complementary

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



2A4157



57402A

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.



3E4128



2A4157



53392C

Square

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



2A4157



553642



4A3D27



21453C

Rectangle

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



2A4157



473A51



4A3D27



34432D

Sweetspot

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



2A4157



5E6770



2A5740



2D3338



B8B8B8



383838

Same Dimension

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



2A4157



2B4E70



2A2B57



27292B



00376B



0078EB

Inverse Universe

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



572A41



702B4E



57562A



2B2729



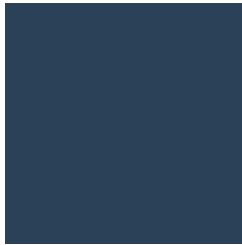
6B0037



EB0078

Previews

White Background



This preview shows how the Hex color 2A4157 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

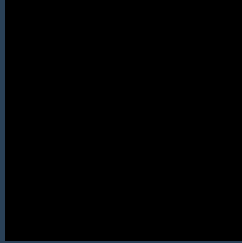
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

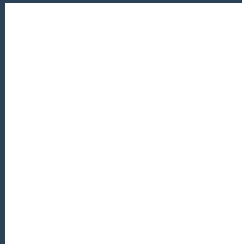
Any Text WCAG AAA × Fail

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

Hex 2A4157 Background



This preview shows how black text looks on a background with the Hex color 2A4157.

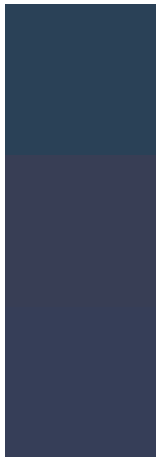


This preview shows how white text looks on a background with the Hex color 2A4157.

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](#).

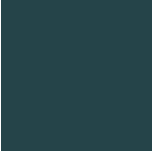
Dichromacy



Original Color
2A4157

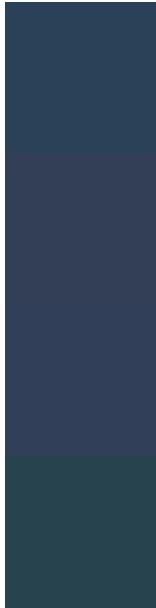
Protanopia
383E55

Deuteranopia
363E58



Tritanopia
254449

Trichromacy



Original Color
2A4157

Protanomaly
333F56

Deuteranomaly
323F58

Tritanomaly
27434E

Monochromacy



Original Color
2A4157

Achromatopsia
3D3D3D

Achromatomaly
363E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4157 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 #2A4157 looks like.

```
.text, #text, p{  
    color:#2A4157  
}
```

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 #2A4157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4157
}
```

Border

The CSS property to change the border of an element to Hex 2A4157 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
#2A4157 }
```

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

```
.border{ border-color:#2A4157 }
```

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

Here you see how a box with a 4 pixel #2A4157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4157; -webkit-box-shadow:4px 4px  
4px 4px #2A4157; box-shadow:4px 4px 4px  
4px #2A4157 }
```

Background

The CSS property to change the background color of an element to Hex 2A4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4157 }
```

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

```
.background{ background-color:#2A4157 }
```

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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