

Converting Colors

Hex(2A4138)

Have a look what the booklet for
Hex(2A4138) contains.

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Color

Hex(2A4138)

Conversions

Conversions Part 1

Format	Color
Hex	2A4138
RGB	42, 65, 56
RGB Percent	16%, 25%, 22%
CMY	0.8353, 0.7451, 0.7804
CMYK	0.35, 0.00, 0.14, 0.75
HSL	157°, 21%, 21%
HSV	157°, 35%, 25%
XYZ	3.5590, 4.5584, 4.4337
YIQ	57.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

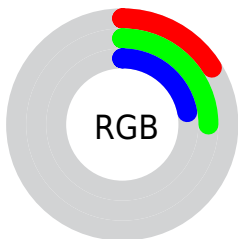
Format	Color
R_{YB}	42, 56, 65
Decimal	2769208
CIE _{Lab}	25.44, -11.34, 2.64
CIE _{LCh}	25, 11.638, 166.902
Yxy	4.5584, 0.2836, 0.3632
Android (android.graphics.Color)	4280959288 (0xFF2A4138)
YUV	57.0970, -0.5408, -13.2401
Hunter-Lab	21.3503, -7.6083, 2.6329




Details

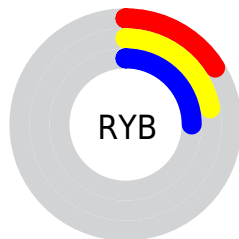
The Hex color **2A4138** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **412A33**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **587167**, and **00170D** is the 20% darker color. If you saturate the color by 10%, you get **244135**, and if you desaturate by 10%, it is **31413B**.

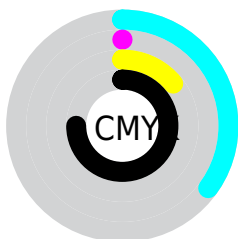
Distribution







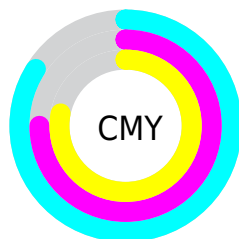
-  Red (16%)
-  Green (25%)
-  Blue (22%)






-  Red (16%)
-  Yellow (22%)
-  Blue (25%)



-  Cyan (35%)
-  Magenta (0%)
-  Yellow (14%)
-  Black (75%)



-  Cyan (84%)
-  Magenta (75%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4138 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 2A4138 by changing the saturation by 10% instead.

■ 2A4138

■ 2A4138

FFFFFF

■ 152B23

■ 587167

■ 00170D

■ 718A80

■ 000000

■ 8BA59A

■ A5C0B5

■ C0DCD0

■ DCF8EC

■ F9FFFF

■ 2A4138

■ 2A4138

■ 244135

■ 31413B

■ 1D4133

■ 37413D

■ 164130

■ 3E4140

■ 10412E

■ 444142

■ 09412B

■ 4A4145

■ 034129

■ 514147

■ 004128

■ 58414A

■ 5E414C

■ 65414F

Harmonies

Analogous

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



344030



2A4138



244141

Triad

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



2A4138



393B4D



4C3830

Complementary

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



2A4138



412A33

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.



4E3638



2A4138



443848

Square

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



2A4138



2C3E4D



4B3641



463A2B

Rectangle

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



2A4138



234147



4B3641



4E3732

Sweetspot

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



2A4138



4B5451



33412A



262B29



ABABAB



2B2B2B

Same Dimension

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



2A4138



315446



2A3F41



1E2120



00613B



00E089

Inverse Universe

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



412A33



54313F



412C2A



211E1F



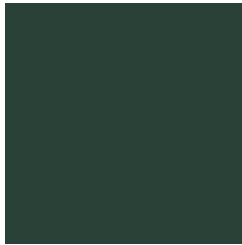
610026



E00058

Previews

White Background



This preview shows how the Hex color 2A4138 looks on a white background.

Color Contrast Check

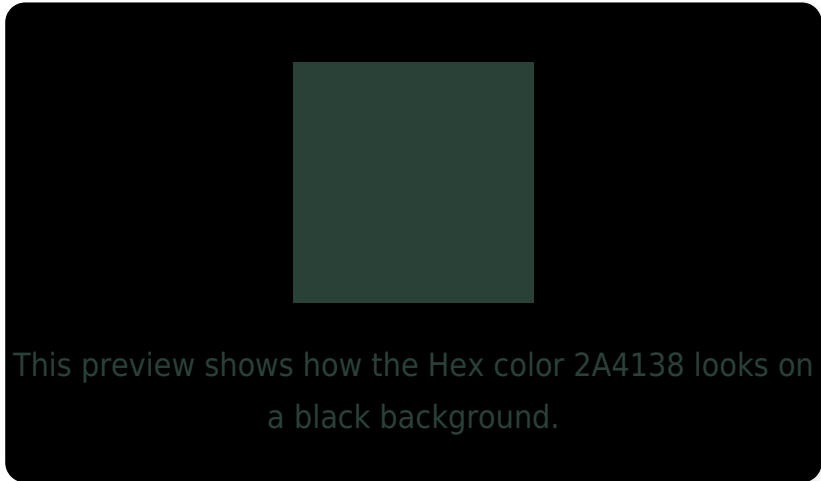
Large Text (above 18pt) WCAG AA ✓ Pass

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

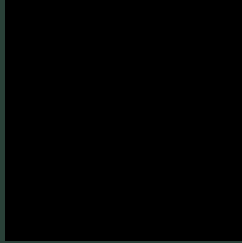
Any Text WCAG AA × Fail

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 2A4138 Background



This preview shows how black text looks on a background with the Hex color 2A4138.



This preview shows how white text looks on a background with the Hex color 2A4138.

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
2A4138

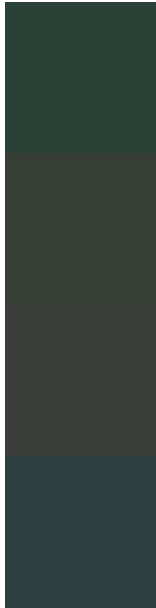
Protanopia
3F3C35

Deuteranopia
433A39



Tritanopia
2D3F44

Trichromacy



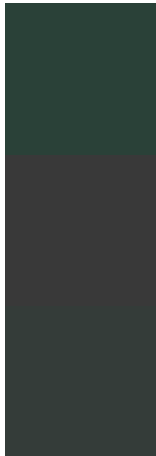
Original Color
2A4138

Protanomaly
373E36

Deuteranomaly
3A3D39

Tritanomaly
2C4040

Monochromacy



Original Color
2A4138

Achromatopsia
393939

Achromatomaly
343C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4138 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 #2A4138 looks like.

```
.text, #text, p{  
    color:#2A4138  
}
```

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 #2A4138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4138  
}
```

Border

The CSS property to change the border of an element to Hex 2A4138 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  
#2A4138 }
```

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

```
.border{ border-color:#2A4138 }
```

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

Here you see how a box with a 4 pixel #2A4138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4138; -webkit-box-shadow:4px 4px  
4px 4px #2A4138; box-shadow:4px 4px 4px  
4px #2A4138 }
```

Background

The CSS property to change the background color of an element to Hex 2A4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4138 }
```

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

```
.background{ background-color:#2A4138 }
```

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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