

Converting Colors

Hex(2A3245)

Have a look what the booklet for
Hex(2A3245) contains.

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Color

Hex(2A3245)

Conversions

Conversions Part 1	
Format	Color
Hex	2A3245
RGB	42, 50, 69
RGB Percent	16%, 20%, 27%
CMY	0.8353, 0.8039, 0.7294
CMYK	0.39, 0.28, 0.00, 0.73
HSL	222°, 24%, 22%
HSV	222°, 39%, 27%
XYZ	3.1696, 3.2031, 6.0814
YIQ	49.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

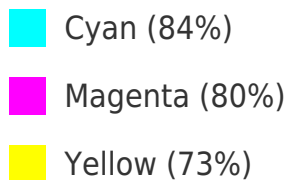
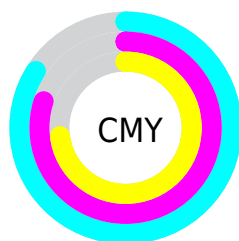
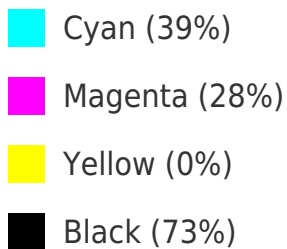
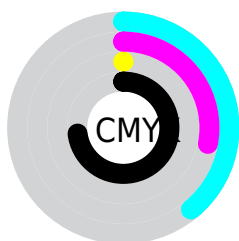
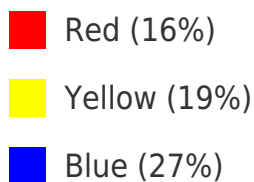
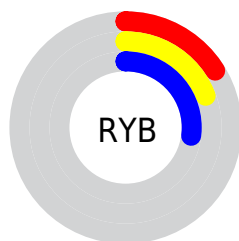
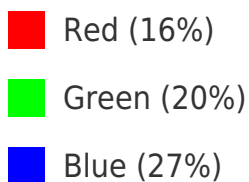
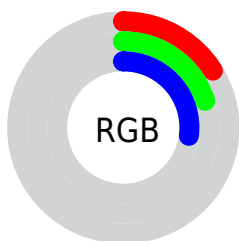
Format	Color
RYB	42, 48, 69
Decimal	2765381
CIELab	20.84, 2.15, -12.93
CIELCh	21, 13.111, 279.425
Yxy	3.2031, 0.2545, 0.2572
Android (android.graphics.Color)	4280955461 (0xFF2A3245)
YUV	49.7740, 9.4784, -6.8178
Hunter-Lab	17.8973, 0.2924, -7.6185

Details

The Hex color **2A3245** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **453D2A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **586075**, and **00031A** is the 20% darker color. If you saturate the color by 10%, you get **232D45**, and if you desaturate by 10%, it is **313745**.

Distribution



Brightness & Saturation Gradients


These gradients show how the Hex color 2A3245 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 2A3245 by changing the saturation by 10% instead.

 2A3245


 2A3245

FFFFFF

 141D2F

 586075

 00031A

 71798F

 000000

 8B93A9

 A5ADC5

 C1C8E1


 DCE4FD

 F9FFFF

 2A3245

 2A3245

 232D45

 313745

 1C2845

 383C45

 152345


 3F4145

 0E1F45

 464545

 081A45

 4D4A45

 011545

 534F45

 001445

 5A5445

 615945

 685E45

Harmonies

Analogous

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



1C3544



2A3245



372F41

Triad

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



2A3245



442C26



20372B

Complementary

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



2A3245



453D2A

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.



2B3523



2A3245



3F2F20

Square

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



2A3245



452B2F



36331F



163735

Rectangle

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



2A3245



3E2D3C



36331F



243628

Sweetspot

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



2A3245



4F5259



2A453D



27292E



ADADAD



2E2E2E

Same Dimension

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



2A3245



2F3C59



2F2A45



202124



001D63



0043E3

Inverse Universe

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



452A32



592F3C



40452A



242021



63001D



E30043

Previews

White Background



This preview shows how the Hex color 2A3245 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



This preview shows how the Hex color 2A3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

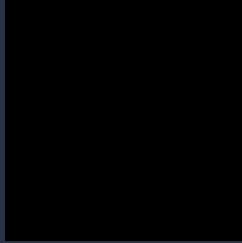
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

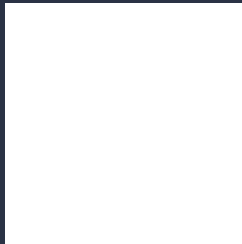
Any Text WCAG AAA × Fail

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

Hex 2A3245 Background



This preview shows how black text looks on a background with the Hex color 2A3245.

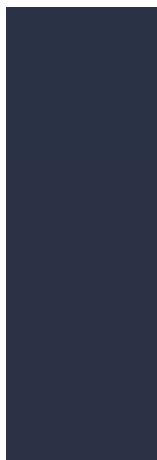


This preview shows how white text looks on a background with the Hex color 2A3245.

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

2A3245

Protanopia

2C3145

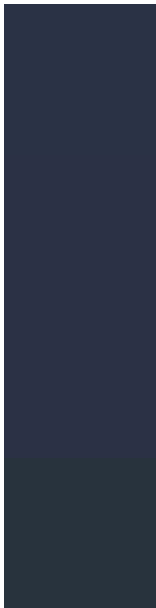
Deuteranopia

2C3145



Tritanopia
273439

Trichromacy



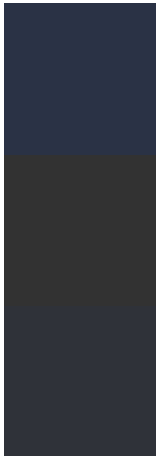
Original Color
2A3245

Protanomaly
2B3145

Deuteranomaly
2B3145

Tritanomaly
28333D

Monochromacy



Original Color
2A3245

Achromatopsia
323232

Achromatomaly
2F3239

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3245 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 #2A3245 looks like.

```
.text, #text, p{  
    color:#2A3245  
}
```

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 #2A3245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3245
}
```

Border

The CSS property to change the border of an element to Hex 2A3245 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
#2A3245 }
```

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

```
.border{ border-color:#2A3245 }
```

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

Here you see how a box with a 4 pixel #2A3245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3245; -webkit-box-shadow:4px 4px  
4px 4px #2A3245; box-shadow:4px 4px 4px  
4px #2A3245 }
```

Background

The CSS property to change the background color of an element to Hex 2A3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3245 }
```

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

```
.background{ background-color:#2A3245 }
```

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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