

Converting Colors

Hex(2A3D16)

Have a look what the booklet for
Hex(2A3D16) contains.

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Color

Hex(2A3D16)

Conversions

Conversions Part 1

Format	Color
Hex	2A3D16
RGB	42, 61, 22
RGB Percent	16%, 24%, 9%
CMY	0.8353, 0.7608, 0.9137
CMYK	0.31, 0.00, 0.64, 0.76
HSL	89°, 47%, 16%
HSV	89°, 64%, 24%
XYZ	2.7684, 3.8877, 1.3635
YIQ	50.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

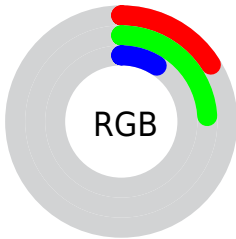
Format	Color
RYB	22, 61, 41
Decimal	2768150
CIELab	23.30, -15.54, 21.31
CIElCh	23, 26.374, 126.107
Yxy	3.8877, 0.3452, 0.4848
Android (android.graphics.Color)	4280958230 (0xFF2A3D16)
YUV	50.8730, -14.2344, -7.7816
Hunter-Lab	19.7171, -9.4425, 9.7018

Details

The Hex color **2A3D16** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29163D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **596D42**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **273D10**, and if you desaturate by 10%, it is **2D3D1C**.

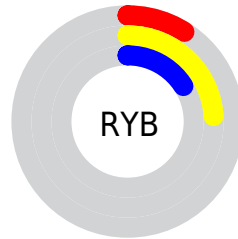
Distribution



Red (16%)

Green (24%)

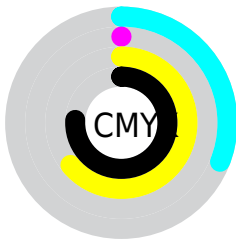
Blue (9%)



Red (9%)

Yellow (24%)

Blue (16%)

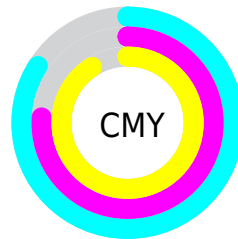


Cyan (31%)

Magenta (0%)

Yellow (64%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3D16 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 2A3D16 by changing the saturation by 10% instead.

 2A3D16

 2A3D16

 FFFFFB

 162700

 596D42

 001400

 72865A

 000000

 8CA073

 A6BB8C

 C1D7A7

 DEF3C2

 FAFFDE

 2A3D16

 2A3D16

■ 273D10

■ 2D3D1C

■ 243D0A

■ 303D22

■ 213D04

■ 333D28

■ 1F3D00

■ 363D2E

■ 393D35

■ 3C3D3B

■ 3F3D41

■ 423D47

■ 453D4D

Harmonies

Analogous

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



3F380E



2A3D16



0A4027

Triad

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



2A3D16



003E5B



5C2634

Complementary

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



2A3D16



29163D

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.



532948



2A3D16



19385F

Square

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



2A3D16



00414E



3E3157



5A2921

Rectangle

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



2A3D16



004134



3E3157



5A263B

Sweetspot

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



2A3D16



484F40



3D2916



24291F



A8A8A8



292929

Same Dimension

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



2A3D16



314F12



173D16



1D1F1C



305E00



72DE00

Inverse Universe

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



29163D



30124F



3C163D



1D1C1F



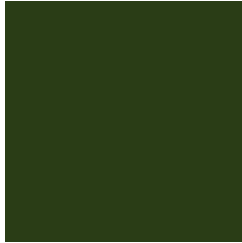
2E005E



6C00DE

Previews

White Background



This preview shows how the Hex color 2A3D16 looks on a white background.

Color Contrast Check

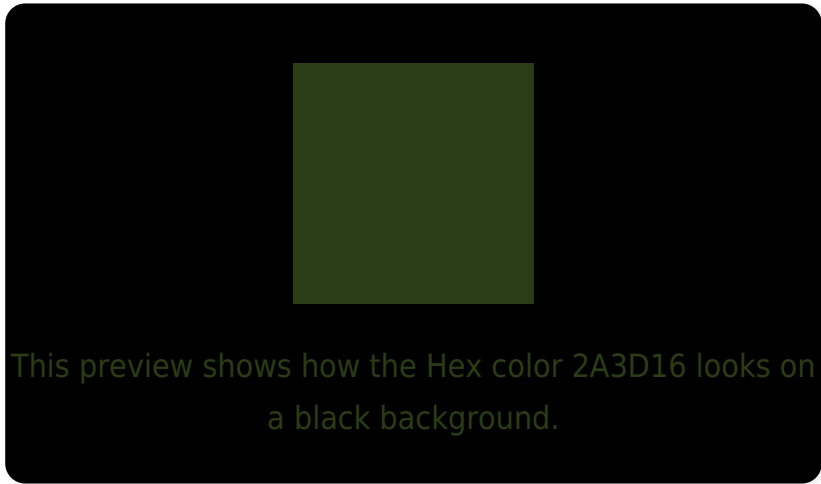
Large Text (above 18pt) WCAG AA ✓ Pass

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

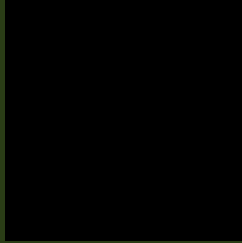
Any Text WCAG AA × Fail

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 2A3D16 Background



This preview shows how black text looks on a background with the Hex color 2A3D16.



This preview shows how white text looks on a background with the Hex color 2A3D16.

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
2A3D16

Protanopia
3E3814

Deuteranopia
453519



Tritanopia
2F393E

Trichromacy



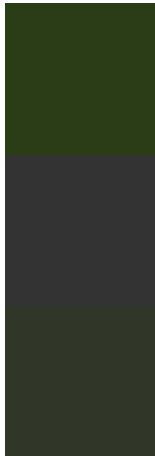
Original Color
2A3D16

Protanomaly
373A15

Deuteranomaly
3B3818

Tritanomaly
2D3A2F

Monochromacy



Original Color
2A3D16

Achromatopsia
333333

Achromatomaly
303728

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3D16 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 #2A3D16 looks like.

```
.text, #text, p{  
    color:#2A3D16  
}
```

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 #2A3D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3D16
}
```

Border

The CSS property to change the border of an element to Hex 2A3D16 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
#2A3D16 }
```

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

```
.border{ border-color:#2A3D16 }
```

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

Here you see how a box with a 4 pixel #2A3D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3D16; -webkit-box-shadow:4px 4px  
4px 4px #2A3D16; box-shadow:4px 4px 4px  
4px #2A3D16 }
```

Background

The CSS property to change the background color of an element to Hex 2A3D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3D16 }
```

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

```
.background{ background-color:#2A3D16 }
```

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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