

Converting Colors

Hex(2A6203)

Have a look what the booklet for
Hex(2A6203) contains.

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Color

Hex(2A6203)

Conversions

Conversions Part 1

Format	Color
Hex	2A6203
RGB	42, 98, 3
RGB Percent	16%, 38%, 1%
CMY	0.8353, 0.6157, 0.9882
CMYK	0.57, 0.00, 0.97, 0.62
HSL	95°, 94%, 20%
HSV	95°, 97%, 38%
XYZ	5.3390, 9.2342, 1.5871
YIQ	70.4260, -2.8810, -41.4170

Conversions

Conversions Part 2

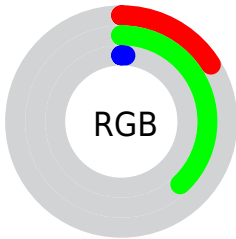
Format	Color
R _Y B	3, 98, 59
Decimal	2777603
CIE Lab	36.43, -34.51, 41.54
CIE LCh	36, 54.006, 129.715
Yxy	9.2342, 0.3304, 0.5714
Android (android.graphics.Color)	4280967683 (0xFF2A6203)
YUV	70.4260, -33.2410, -24.9296
Hunter-Lab	30.3878, -21.8172, 18.1748

Details

The Hex color **2A6203** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B0362**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F953A**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **286200**, and if you desaturate by 10%, it is **30620D**.

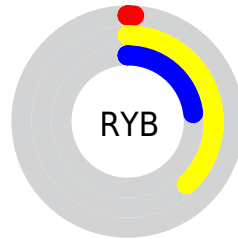
Distribution



Red (16%)

Green (38%)

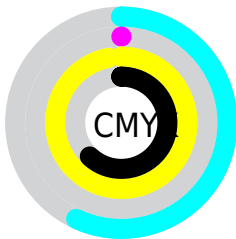
Blue (1%)



Red (1%)

Yellow (38%)

Blue (23%)

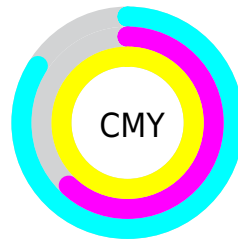


Cyan (57%)

Magenta (0%)

Yellow (97%)

Black (62%)



Cyan (84%)

Magenta (62%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6203 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 2A6203 by changing the saturation by 10% instead.

 2A6203

 2A6203

 FFFFF7

 0D4A00

 5F953A

 003200

 79B053

 001F00

 95CC6D

 000000

 B0E887

 CDFFA2

 E9FFBE

 FFFFDA

 2A6203

 2A6203

■ 286200

■ 30620D

■ 366217

■ 3B6220

■ 41622A

■ 476234

■ 4D623E

■ 526248

■ 586251

■ 5E625B

Harmonies

Analogous

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



5C5800



2A6203



006736

Triad

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



2A6203



0063A7



A1224A

Complementary

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



2A6203



3B0362

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.



932B75



2A6203



0057AC

Square

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



2A6203



00688C



684399



993320

Rectangle

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



2A6203



006954



684399



9F2258

Sweetspot

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



2A6203



6A805B



623A03



334029



BFBFBF



404040

Same Dimension

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



2A6203



348000



03620B



2E302C



2E7000



62F000

Inverse Universe

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



3B0362



4B0080



62035A



2E2C30



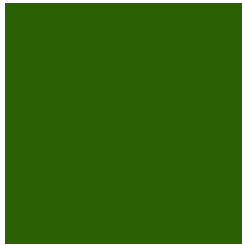
420070



8D00F0

Previews

White Background



This preview shows how the Hex color 2A6203 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

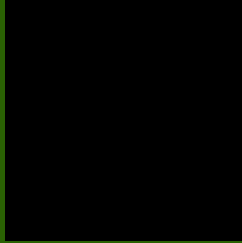
Any Text WCAG AA × Fail

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 2A6203 Background



This preview shows how black text looks on a background with the Hex color 2A6203.



This preview shows how white text looks on a background with the Hex color 2A6203.

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
2A6203

Protanopia
605600

Deuteranopia
6C5115



Tritanopia
395B62

Trichromacy



Original Color
2A6203

Protanomaly
4C5A01

Deuteranomaly
54570E

Tritanomaly
345E3F

Monochromacy



Original Color
2A6203

Achromatopsia
464646

Achromatomaly
3C502E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6203 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 #2A6203 looks like.

```
.text, #text, p{  
    color:#2A6203  
}
```

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 #2A6203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6203
}
```

Border

The CSS property to change the border of an element to Hex 2A6203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

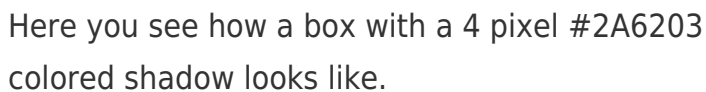
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A6203 }
```

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

```
.border{ border-color:#2A6203 }
```

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



Here you see how a box with a 4 pixel #2A6203 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6203; -webkit-box-shadow:4px 4px  
4px 4px #2A6203; box-shadow:4px 4px 4px  
4px #2A6203 }
```

Background

The CSS property to change the background color of an element to Hex 2A6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6203 }
```

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

```
.background{ background-color:#2A6203 }
```

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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