

Converting Colors

Hex(2A6207)

Have a look what the booklet for
Hex(2A6207) contains.

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Color

Hex(2A6207)

Conversions

Conversions Part 1

Format	Color
Hex	2A6207
RGB	42, 98, 7
RGB Percent	16%, 38%, 3%
CMY	0.8353, 0.6157, 0.9725
CMYK	0.57, 0.00, 0.93, 0.62
HSL	97°, 87%, 21%
HSV	97°, 93%, 38%
XYZ	5.3609, 9.2429, 1.7025
YIQ	70.8820, -4.1650, -40.1730

Conversions

Conversions Part 2

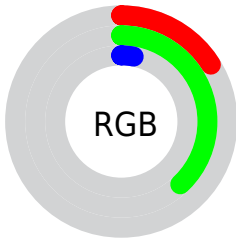
Format	Color
RYB	7, 98, 63
Decimal	2777607
CIELab	36.45, -34.32, 40.42
CIELCh	36, 53.020, 130.336
Yxy	9.2429, 0.3288, 0.5668
Android (android.graphics.Color)	4280967687 (0xFF2A6207)
YUV	70.8820, -31.4938, -25.3295
Hunter-Lab	30.4022, -21.7286, 17.9613

Details

The Hex color **2A6207** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F0762**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F953D**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **266200**, and if you desaturate by 10%, it is **306211**.

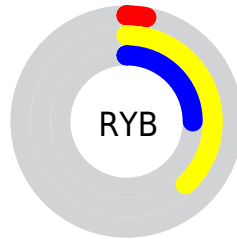
Distribution



 Red (16%)

 Green (38%)

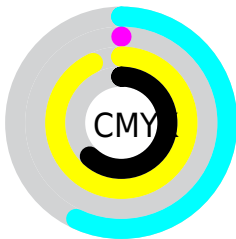
 Blue (3%)




 Red (3%)

 Yellow (38%)

 Blue (25%)

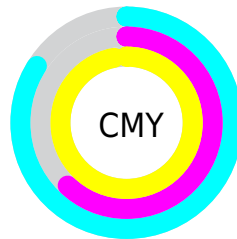



 Cyan (57%)


 Magenta (0%)

 Yellow (93%)

 Black (62%)



 Cyan (84%)

 Magenta (62%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6207 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 2A6207 by changing the saturation by 10% instead.

 2A6207

 2A6207

 FFFFFFF9

 0C4A00

 5F953D

 003200

 79B056

 001F00

 94CC6F

 000000

 B0E889

 CCFFA4

 E9FFC0

 FFFFDC

 2A6207

 2A6207

■ 266200

■ 306211

■ 36621B

■ 3C6224

■ 42622E

■ 486238

■ 4E6242

■ 54624C

■ 5A6255

■ 60625F

Harmonies

Analogous

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



5B5900



2A6207



006737

Triad

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



2A6207



0062A6



A02449

Complementary

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



2A6207



3F0762

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.



932C73



2A6207



0056AA

Square

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



2A6207



00688C



694397



983420

Rectangle

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



2A6207



006855



694397



9E2457

Sweetspot

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



2A6207



6A805C



623E07



32402A



BFBFBF



404040

Same Dimension

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



2A6207



318000



076210



2D302C



2B7000



5CF000

Inverse Universe

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



3F0762



4E0080



620759



2F2C30



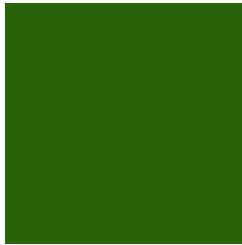
450070



9400F0

Previews

White Background



This preview shows how the Hex color 2A6207 looks on a white background.

Color Contrast Check

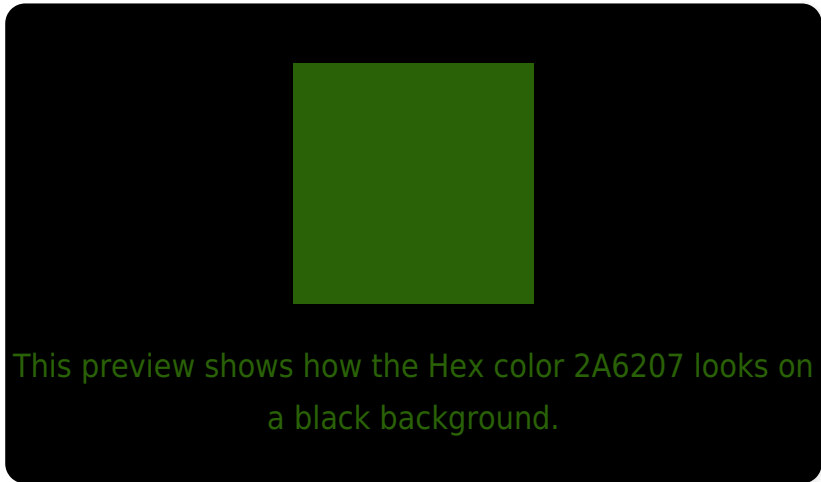
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A6207 Background



This preview shows how black text looks on a background with the Hex color 2A6207.



This preview shows how white text looks on a background with the Hex color 2A6207.

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
2A6207

Protanopia
605600

Deuteranopia
6C5115



Tritanopia
395B62

Trichromacy



Original Color
2A6207

Protanomaly
4C5A03

Deuteranomaly
545710

Tritanomaly
345E41

Monochromacy



Original Color
2A6207

Achromatopsia
474747

Achromatomaly
3C5130

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6207 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 #2A6207 looks like.

```
.text, #text, p{  
    color:#2A6207  
}
```

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 #2A6207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6207
}
```

Border

The CSS property to change the border of an element to Hex 2A6207 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".

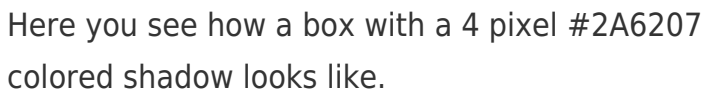
```
.border, #border, table{ border:4px solid
#2A6207 }
```

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

```
.border{ border-color:#2A6207 }
```

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

Here you see how a box with a 4 pixel #2A6207 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6207; -webkit-box-shadow:4px 4px  
4px 4px #2A6207; box-shadow:4px 4px 4px  
4px #2A6207 }
```

Background

The CSS property to change the background color of an element to Hex 2A6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6207 }
```

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

```
.background{ background-color:#2A6207 }
```

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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