

Converting Colors

Hex(2A6600)

Have a look what the booklet for
Hex(2A6600) contains.

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Color

Hex(2A6600)

Conversions

Conversions Part 1

Format	Color
Hex	2A6600
RGB	42, 102, 0
RGB Percent	16%, 40%, 0%
CMY	0.8353, 0.6000, 1.0000
CMYK	0.59, 0.00, 1.00, 0.60
HSL	95°, 100%, 20%
HSV	95°, 100%, 40%
XYZ	5.7062, 9.9950, 1.6285
YIQ	72.4320, -3.0180, -44.4420

Conversions

Conversions Part 2

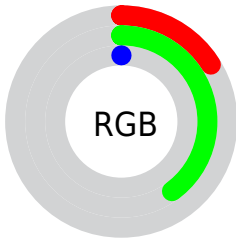
Format	Color
RYB	0, 102, 60
Decimal	2778624
CIELab	37.83, -36.26, 43.54
CIELCh	38, 56.660, 129.786
Yxy	9.9950, 0.3293, 0.5768
Android (android.graphics.Color)	4280968704 (0xFF2A6600)
YUV	72.4320, -35.7090, -26.6889
Hunter-Lab	31.6148, -23.1082, 19.0764

Details

The Hex color **2A6600** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C0066**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **609A39**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **2A6600**, and if you desaturate by 10%, it is **30660A**.

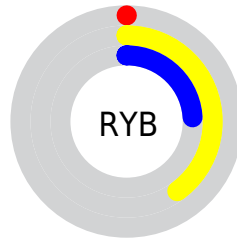
Distribution



Red (16%)

Green (40%)

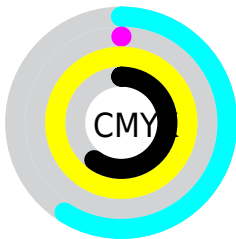
Blue (0%)



Red (0%)

Yellow (40%)

Blue (24%)

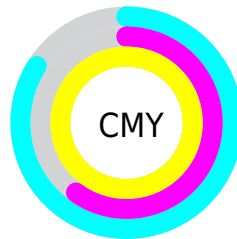


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (84%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6600 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 2A6600 by changing the saturation by 10% instead.

 2A6600

 2A6600

 FFFFF6

 0B4D00

 609A39

 003600

 7BB553

 002200

 96D16C

 000000

 B2ED87

 CEFFA2

 EBFFBD

 FFFFDA

 2A6600

 30660A

 366614

 3C661F

 426629

 486633

 4E663D

 546647

 5A6652

 60665C

Harmonies

Analogous

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



5F5C00



2A6600



006B37

Triad

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



2A6600



0067AF



A9214C

Complementary

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



2A6600



3C0066

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.



9A2B7A



2A6600



005AB4

Square

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



2A6600



006C93



6C45A0



A03420

Rectangle

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



2A6600



006D57



6C45A0



A7205B

Sweetspot

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



2A6600



6D855D



663C00



34422A



C2C2C2



424242

Same Dimension

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



2A6600



378500



006608



30332E



2F7300



64F200

Inverse Universe

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



3C0066



4E0085



66005E



312E33



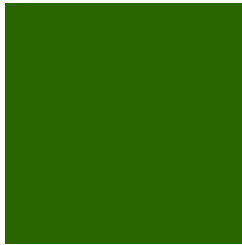
440073



8F00F2

Previews

White Background



This preview shows how the Hex color 2A6600 looks on a white background.

Color Contrast Check

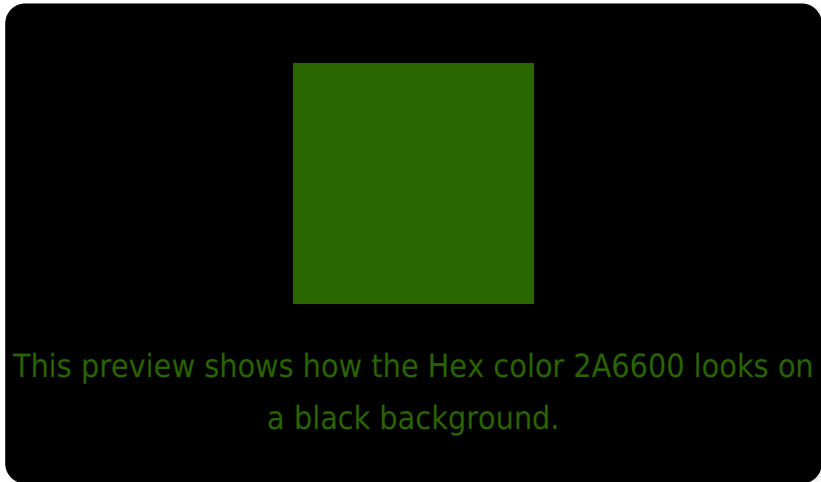
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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 2A6600 Background



This preview shows how black text looks on a background with the Hex color 2A6600.



This preview shows how white text looks on a background with the Hex color 2A6600.

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
2A6600

Protanopia
645900

Deuteranopia
705415



Tritanopia
3A5F66

Trichromacy



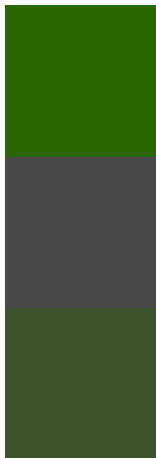
Original Color
2A6600

Protanomaly
4F5E00

Deuteranomaly
575B0D

Tritanomaly
346241

Monochromacy



Original Color
2A6600

Achromatopsia
484848

Achromatomaly
3D532E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6600 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 #2A6600 looks like.

```
.text, #text, p{  
    color:#2A6600  
}
```

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 #2A6600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6600
}
```

Border

The CSS property to change the border of an element to Hex 2A6600 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".

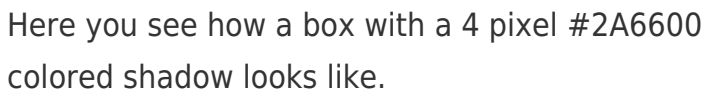
```
.border, #border, table{ border:4px solid
#2A6600 }
```

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

```
.border{ border-color:#2A6600 }
```

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

Here you see how a box with a 4 pixel #2A6600 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6600; -webkit-box-shadow:4px 4px  
4px 4px #2A6600; box-shadow:4px 4px 4px  
4px #2A6600 }
```

Background

The CSS property to change the background color of an element to Hex 2A6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6600 }
```

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

```
.background{ background-color:#2A6600 }
```

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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