

# Converting Colors

Hex(2C7623)

Have a look what the booklet for  
Hex(2C7623) contains.

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**Color**

**Hex(2C7623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C7623
RGB	44, 118, 35
RGB Percent	17%, 46%, 14%
CMY	0.8275, 0.5373, 0.8627
CMYK	0.63, 0.00, 0.70, 0.54
HSL	113°, 54%, 30%
HSV	113°, 70%, 46%
XYZ	7.8205, 13.6137, 3.8056
YIQ	86.4120, -17.4610, -41.5010

# Conversions

## Conversions Part 2

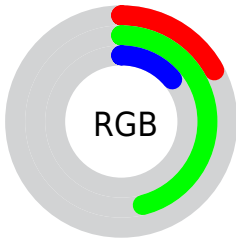
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 118, 109
Decimal	2913827
CIE <sub>Lab</sub>	43.67, -39.74, 37.49
CIE <sub>LCh</sub>	44, 54.638, 136.667
Yxy	13.6137, 0.3098, 0.5394
Android (android.graphics.Color)	4281103907 (0xFF2C7623)
YUV	86.4120, -25.3461, -37.1953
Hunter-Lab	36.8967, -26.7350, 19.7124

# Details

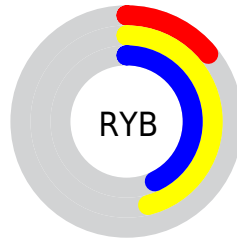
The Hex color **2C7623** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6D2376**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **63AB54**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **217617**, and if you desaturate by 10%, it is **37762F**.

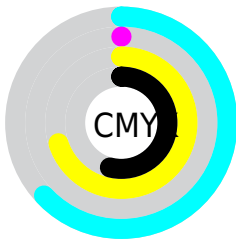
# Distribution



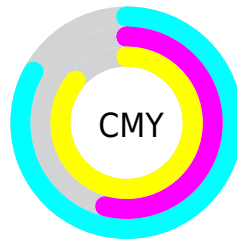
- Red (17%)
- Green (46%)
- Blue (14%)



- Red (14%)
- Yellow (46%)
- Blue (43%)



- Cyan (63%)
- Magenta (0%)
- Yellow (70%)
- Black (54%)



- Cyan (83%)
- Magenta (54%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7623 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 2C7623 by changing the saturation by 10% instead.





2C7623



2C7623

FFFFFF



085D08



63AB54



004400



7EC76E



002E00



99E388



001500



B5FFA2



000000



D2FFBE



EFFFDA



FFFFFF7



2C7623



2C7623

■ 217617

■ 37762F

■ 17760B

■ 41763B

■ 0D7600

■ 4C7646

■ 567652

■ 61765E

■ 6B766A

■ 767676

■ 807681

■ 8B768D

# Harmonies

## Analogous

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



656D00



2C7623



007B51

# Triad

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



2C7623



0072C0



B83950

# Complementary

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



2C7623



6D2376

# 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.



AE3B7D



2C7623



3764BF

# Square

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



2C7623



007AA8



894FA6



AA4A26

# Rectangle

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



2C7623



007C70



894FA6



B7375F



# Sweetspot

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



2C7623



7C9979



766C23



3B4D39



CCCCCC



4D4D4D



# Same Dimension

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



2C7623



269918



237643



353B35



0D7A00



1BFA00



# Inverse Universe

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



6D2376



8B1899



762356



3A353B



6D007A

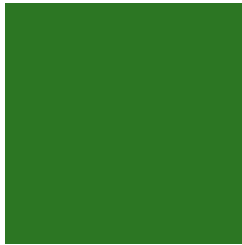


DF00FA



# Previews

## White Background



This preview shows how the Hex color 2C7623 looks on a white background.

## Color Contrast Check

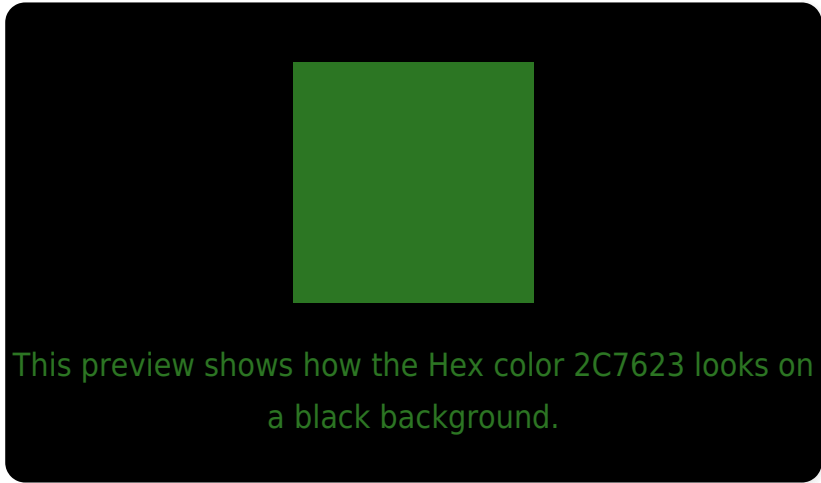
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 2C7623 Background



This preview shows how black text looks on a background with the Hex color 2C7623.



This preview shows how white text looks on a background with the Hex color 2C7623.

# 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**  
2C7623

**Protanopia**  
73671F

**Deuteranopia**  
80622A



**Tritanopia**  
3F6E77

# Trichromacy



**Original Color**  
2C7623

**Protanomaly**  
596C20

**Deuteranomaly**  
616927

**Tritanomaly**  
387158

# Monochromacy



**Original Color**  
2C7623

**Achromatopsia**  
565656

**Achromatomaly**  
476243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7623 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 #2C7623 looks like.

```
.text, #text, p{  
    color:#2C7623  
}
```

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 #2C7623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7623
}
```

## Border

The CSS property to change the border of an element to Hex 2C7623 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
#2C7623 }
```

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

```
.border{ border-color:#2C7623 }
```

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

Here you see how a box with a 4 pixel #2C7623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7623; -webkit-box-shadow:4px 4px  
4px 4px #2C7623; box-shadow:4px 4px 4px  
4px #2C7623 }
```

# Background

The CSS property to change the background color of an element to Hex 2C7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7623 }
```

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

```
.background{ background-color:#2C7623 }
```

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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