

Converting Colors

Hex(2C773A)

Have a look what the booklet for
Hex(2C773A) contains.

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Color

Hex(2C773A)

Conversions

Conversions Part 1

Format	Color
Hex	2C773A
RGB	44, 119, 58
RGB Percent	17%, 47%, 23%
CMY	0.8275, 0.5333, 0.7725
CMYK	0.63, 0.00, 0.51, 0.53
HSL	131°, 46%, 32%
HSV	131°, 63%, 47%
XYZ	8.3993, 14.0346, 6.2693
YIQ	89.6210, -25.1190, -34.8710

Conversions

Conversions Part 2

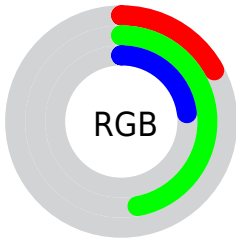
Format	Color
R_{YB}	44, 107, 119
Decimal	2914106
CIE _{Lab}	44.28, -37.13, 26.71
CIE _{LCh}	44, 45.737, 144.274
Yxy	14.0346, 0.2926, 0.4890
Android (android.graphics.Color)	4281104186 (0xFF2C773A)
YUV	89.6210, -15.5892, -40.0096
Hunter-Lab	37.4628, -25.5398, 16.3020

Details

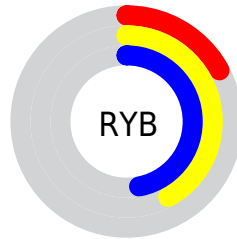
The Hex color **2C773A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **772C69**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **62AC6A**, and **00450C** is the 20% darker color. If you saturate the color by 10%, you get **207730**, and if you desaturate by 10%, it is **387744**.

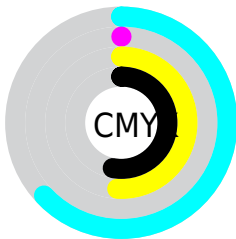
Distribution



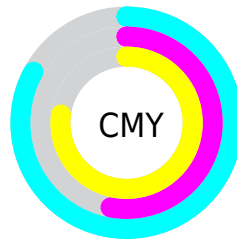
- Red (17%)
- Green (47%)
- Blue (23%)



- Red (17%)
- Yellow (42%)
- Blue (47%)



- Cyan (63%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C773A 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 2C773A by changing the saturation by 10% instead.

 2C773A

 2C773A

FFFFFF

 0A5E23

 62AC6A

 00450C

 7DC884

 002E00

 98E49E

 001800

 B4FFBA

 000000

 D0FFD5

 EDFFF2

 2C773A

 2C773A

 207730

 387744

■ 147727

■ 44774D

■ 08771D

■ 507757

■ 007716

■ 5C7761

■ 67776A

■ 737774

■ 7F777E

■ 8B7787

■ 977791

Harmonies

Analogous

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



5E701D



2C773A



007A60

Triad

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



2C773A



006FB4



AD484C

Complementary

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



2C773A



772C69

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.



A94672



2C773A



5C62AE

Square

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



2C773A



0077A6



905196



9E552B

Rectangle

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



2C773A



007B7A



905196



AE4658

Sweetspot

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



2C773A



7E9C84



69772C



3D4F40



CFCFCF



4F4F4F

Same Dimension

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



2C773A



259C3B



2C775F



353B36



007A17



00FA2F

Inverse Universe

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



772C69



9C2585



772C44



3B353A



7A0064



FA00CB

Previews

White Background



This preview shows how the Hex color 2C773A looks on a white background.

Color Contrast Check

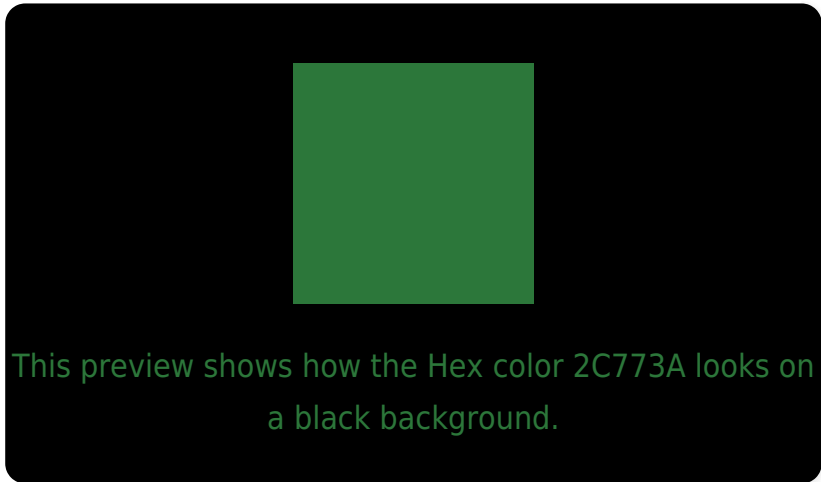
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C773A Background



This preview shows how black text looks on a background with the Hex color 2C773A.



This preview shows how white text looks on a background with the Hex color 2C773A.

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
2C773A

Protanopia
736835

Deuteranopia
7E633F



Tritanopia
3E7079

Trichromacy



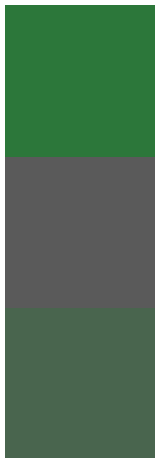
Original Color
2C773A

Protanomaly
596D37

Deuteranomaly
606A3D

Tritanomaly
377362

Monochromacy



Original Color
2C773A

Achromatopsia
5A5A5A

Achromatomaly
49654E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C773A 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 #2C773A looks like.

```
.text, #text, p{  
    color:#2C773A  
}
```

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 #2C773A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C773A
}
```

Border

The CSS property to change the border of an element to Hex 2C773A 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".

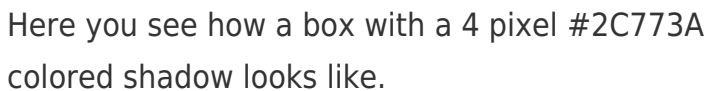
```
.border, #border, table{ border:4px solid
#2C773A }
```

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

```
.border{ border-color:#2C773A }
```

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

Here you see how a box with a 4 pixel #2C773A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C773A; -webkit-box-shadow:4px 4px  
4px 4px #2C773A; box-shadow:4px 4px 4px  
4px #2C773A }
```

Background

The CSS property to change the background color of an element to Hex 2C773A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C773A }
```

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

```
.background{ background-color:#2C773A }
```

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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