

Converting Colors

Hex(2C6E35)

Have a look what the booklet for
Hex(2C6E35) contains.

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Color

Hex(2C6E35)

Conversions

Conversions Part 1

Format	Color
Hex	2C6E35
RGB	44, 110, 53
RGB Percent	17%, 43%, 21%
CMY	0.8275, 0.5686, 0.7922
CMYK	0.60, 0.00, 0.52, 0.57
HSL	128°, 43%, 30%
HSV	128°, 60%, 43%
XYZ	7.2572, 11.9444, 5.2912
YIQ	83.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

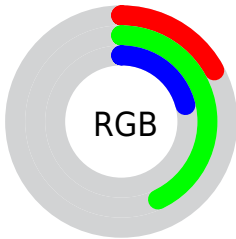
Format	Color
RYB	44, 102, 110
Decimal	2911797
CIELab	41.13, -34.12, 25.51
CIELCh	41, 42.603, 143.214
Yxy	11.9444, 0.2963, 0.4877
Android (android.graphics.Color)	4281101877 (0xFF2C6E35)
YUV	83.7680, -15.1686, -34.8765
Hunter-Lab	34.5606, -22.9987, 15.1153

Details

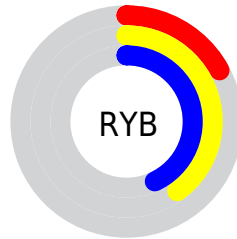
The Hex color **2C6E35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2C65**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **60A265**, and **003D07** is the 20% darker color. If you saturate the color by 10%, you get **216E2C**, and if you desaturate by 10%, it is **376E3F**.

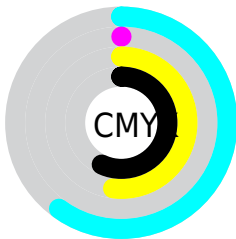
Distribution



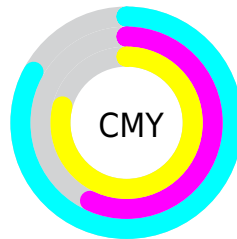
- Red (17%)
- Green (43%)
- Blue (21%)



- Red (17%)
- Yellow (40%)
- Blue (43%)



- Cyan (60%)
- Magenta (0%)
- Yellow (52%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6E35 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 2C6E35 by changing the saturation by 10% instead.

 2C6E35

 2C6E35

FFFFFF

 0D551E

 60A265

 003D07

 7BBE7E

 002700

 96DA98

 000800

 B2F6B3


 000000

 CEFFCF

 EAFFEB

 2C6E35

 2C6E35

 216E2C

 376E3F

■ 166E22

■ 426E48

■ 0B6E19

■ 4D6E52

■ 006E0F

■ 586E5B

■ 636E65

■ 6E6E6E

■ 796E78

■ 846E81

■ 8F6E8B

Harmonies

Analogous

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



59671B



2C6E35



007158

Triad

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



2C6E35



0067A6



A04348

Complementary

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



2C6E35



6E2C65

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.



9C416A



2C6E35



545BA1

Square

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



2C6E35



006F98



844C8B



934F29

Rectangle

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



2C6E35



007270



844C8B



A14153

Sweetspot

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



2C6E35



758F79



656E2C



38473A



C7C7C7



474747

Same Dimension

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



2C6E35



288F36



2C6E56



323833



007810



00F722

Inverse Universe

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



6E2C65



8F2881



6E2C44



383237



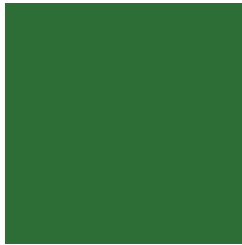
780068



F700D6

Previews

White Background



This preview shows how the Hex color 2C6E35 looks on a white background.

Color Contrast Check

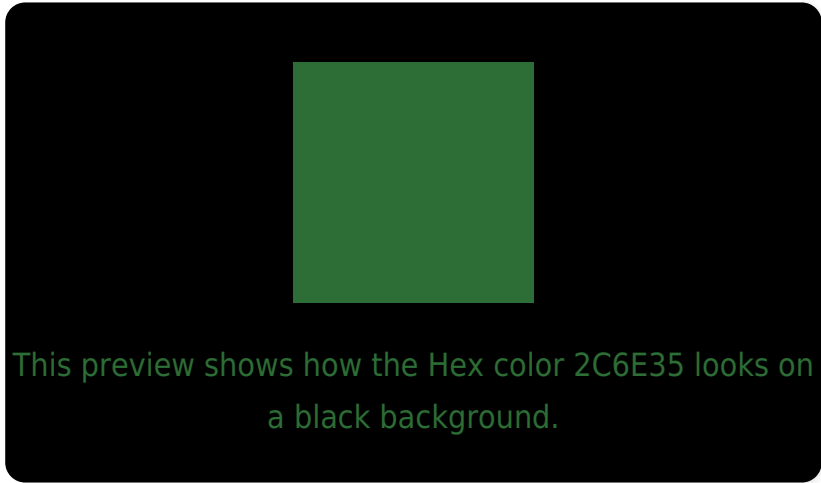
Large Text (above 18pt) WCAG AA ✓ Pass

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

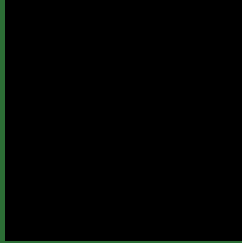
Any Text WCAG AA × Fail

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 2C6E35 Background



This preview shows how black text looks on a background with the Hex color 2C6E35.



This preview shows how white text looks on a background with the Hex color 2C6E35.

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
2C6E35

Protanopia
6B6130

Deuteranopia
755C3A



Tritanopia
3B6870

Trichromacy



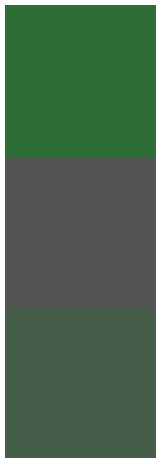
Original Color
2C6E35

Protanomaly
546632

Deuteranomaly
5A6338

Tritanomaly
366A5B

Monochromacy



Original Color
2C6E35

Achromatopsia
545454

Achromatomaly
455D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6E35 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 #2C6E35 looks like.

```
.text, #text, p{  
    color:#2C6E35  
}
```

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 #2C6E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6E35
}
```

Border

The CSS property to change the border of an element to Hex 2C6E35 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
#2C6E35 }
```

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

```
.border{ border-color:#2C6E35 }
```

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

Here you see how a box with a 4 pixel #2C6E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6E35; -webkit-box-shadow:4px 4px  
4px 4px #2C6E35; box-shadow:4px 4px 4px  
4px #2C6E35 }
```

Background

The CSS property to change the background color of an element to Hex 2C6E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6E35 }
```

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

```
.background{ background-color:#2C6E35 }
```

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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