

Converting Colors

Hex(2C5E35)

Have a look what the booklet for
Hex(2C5E35) contains.

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Color

Hex(2C5E35)

Conversions

Conversions Part 1

Format	Color
Hex	2C5E35
RGB	44, 94, 53
RGB Percent	17%, 37%, 21%
CMY	0.8275, 0.6314, 0.7922
CMYK	0.53, 0.00, 0.44, 0.63
HSL	131°, 36%, 27%
HSV	131°, 53%, 37%
XYZ	5.6840, 8.7979, 4.7668
YIQ	74.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

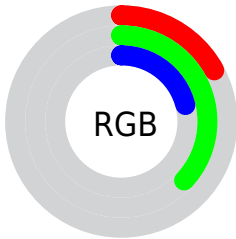
Format	Color
RYB	44, 86, 94
Decimal	2907701
CIELab	35.59, -26.85, 18.46
CIELCh	36, 32.588, 145.488
Yxy	8.7979, 0.2953, 0.4571
Android (android.graphics.Color)	4281097781 (0xFF2C5E35)
YUV	74.3760, -10.5384, -26.6398
Hunter-Lab	29.6613, -17.7012, 11.2346

Details

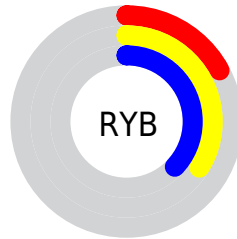
The Hex color **2C5E35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E2C55**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5E9164**, and **002F09** is the 20% darker color. If you saturate the color by 10%, you get **235E2D**, and if you desaturate by 10%, it is **355E3D**.

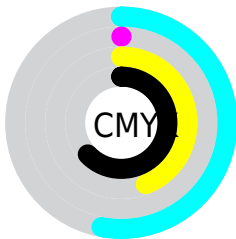
Distribution



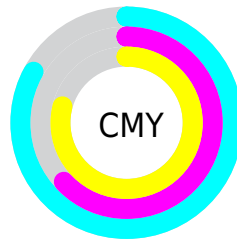
- Red (17%)
- Green (37%)
- Blue (21%)



- Red (17%)
- Yellow (34%)
- Blue (37%)



- Cyan (53%)
- Magenta (0%)
- Yellow (44%)
- Black (63%)



- Cyan (83%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5E35 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 2C5E35 by changing the saturation by 10% instead.



2C5E35



2C5E35

FFFFFF



12461F



5E9164



002F09



77AC7D



001C00



92C797



000000



ADE3B2



C9FFCE



E5FFEA



2C5E35



2C5E35



235E2D



355E3D

■ 195E26

■ 3F5E44

■ 105E1E

■ 485E4C

■ 065E16

■ 525E54

■ 005E11

■ 5B5E5C

■ 645E63

■ 6E5E6B

■ 775E73

■ 815E7A

Harmonies

Analogous

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



4D5922



2C5E35



00604F

Triad

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



2C5E35



0F5887



843F3F

Complementary

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



2C5E35



5E2C55

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.



813D59



2C5E35



4F4E83

Square

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



2C5E35



005E7E



704472



794729

Rectangle

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



2C5E35



006161



704472



843E47

Sweetspot

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



2C5E35



677A6A



565E2C



323D34



BDBDBD



3D3D3D

Same Dimension

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



2C5E35



2C7A3A



2C5E4D



292E2A



006E14



00ED2B

Inverse Universe

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



5E2C55



7A2C6C



5E2C3D



2E292D



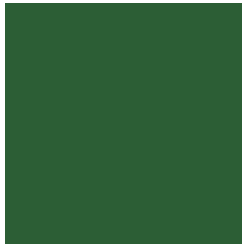
6E005A



ED00C2

Previews

White Background



This preview shows how the Hex color 2C5E35 looks on a white background.

Color Contrast Check

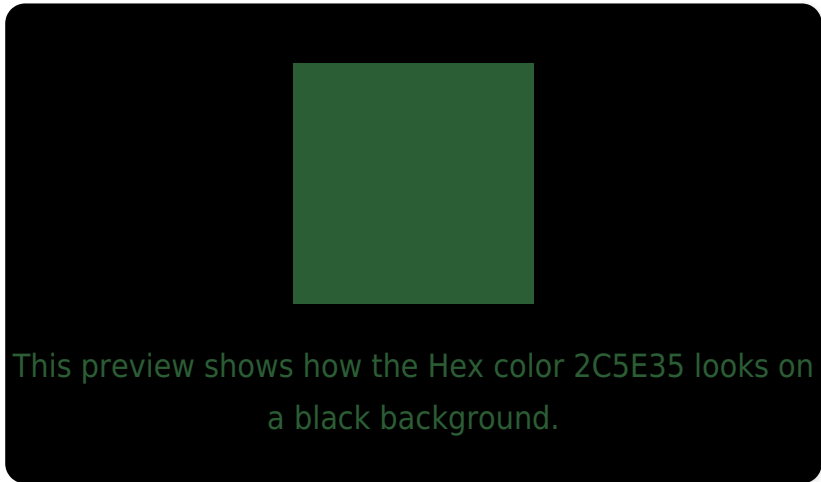
Large Text (above 18pt) WCAG AA ✓ Pass

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

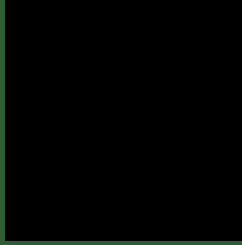
Any Text WCAG AA × Fail

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 2C5E35 Background



This preview shows how black text looks on a background with the Hex color 2C5E35.



This preview shows how white text looks on a background with the Hex color 2C5E35.

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
2C5E35

Protanopia
5B5331

Deuteranopia
645038



Tritanopia
365960

Trichromacy



Original Color
2C5E35

Protanomaly
4A5732

Deuteranomaly
505537

Tritanomaly
325B50

Monochromacy



Original Color
2C5E35

Achromatopsia
4A4A4A

Achromatomaly
3F5142

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5E35 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 #2C5E35 looks like.

```
.text, #text, p{  
    color:#2C5E35  
}
```

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 #2C5E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5E35
}
```

Border

The CSS property to change the border of an element to Hex 2C5E35 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".

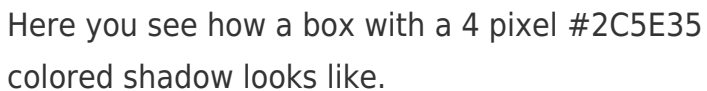
```
.border, #border, table{ border:4px solid
#2C5E35 }
```

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

```
.border{ border-color:#2C5E35 }
```

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

Here you see how a box with a 4 pixel #2C5E35 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5E35; -webkit-box-shadow:4px 4px  
4px 4px #2C5E35; box-shadow:4px 4px 4px  
4px #2C5E35 }
```

Background

The CSS property to change the background color of an element to Hex 2C5E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5E35 }
```

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

```
.background{ background-color:#2C5E35 }
```

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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