

Converting Colors

Hex(2C5736)

Have a look what the booklet for
Hex(2C5736) contains.

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Color

Hex(2C5736)

Conversions

Conversions Part 1	
Format	Color
Hex	2C5736
RGB	44, 87, 54
RGB Percent	17%, 34%, 21%
CMY	0.8275, 0.6588, 0.7882
CMYK	0.49, 0.00, 0.38, 0.66
HSL	134°, 33%, 26%
HSV	134°, 49%, 34%
XYZ	5.1128, 7.6182, 4.6910
YIQ	70.3810, -15.0350, -19.3790

Conversions

Conversions Part 2

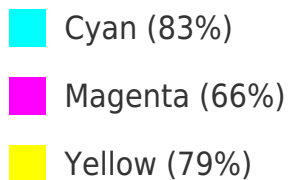
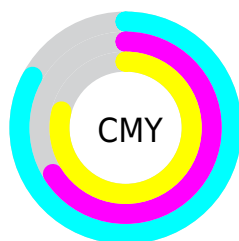
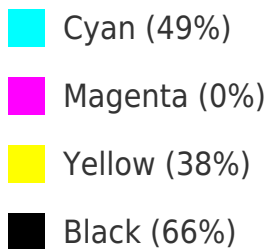
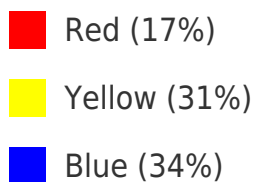
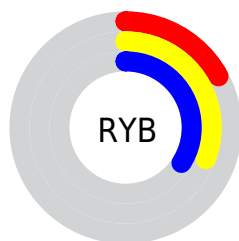
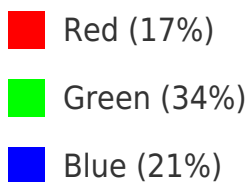
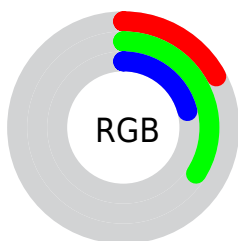
Format	Color
RYB	44, 79, 87
Decimal	2905910
CIELab	33.17, -23.22, 14.67
CIELCh	33, 27.462, 147.709
Yxy	7.6182, 0.2935, 0.4373
Android (android.graphics.Color)	4281095990 (0xFF2C5736)
YUV	70.3810, -8.0758, -23.1361
Hunter-Lab	27.6011, -15.2370, 9.2440

Details

The Hex color **2C5736** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572C4D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5D8965**, and **00290A** is the 20% darker color. If you saturate the color by 10%, you get **23572F**, and if you desaturate by 10%, it is **35573D**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2C5736 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 2C5736 by changing the saturation by 10% instead.

 2C5736

 2C5736

FFFFFF

 143F20

 5D8965

 00290A

 76A47E

 001300

 90BF98

 000000

 ABDDB3

 C7F7CE

 E3FFEB

 2C5736

 2C5736

 23572F

 35573D

 1B5729


 3D5743

 125722

 46574A

 09571B

 4F5751

 015715

 585757

 005714

 60575E

 695765

 72576B

 7A5772

Harmonies

Analogous

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



475326



2C5736



00594C

Triad

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



2C5736



245179



763E3B

Complementary

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



2C5736



572C4D

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.



753C51



2C5736



4D4974

Square

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



2C5736



005672



674165



6D442A

Rectangle

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



2C5736



00595A



674165



773D42

Sweetspot

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



2C5736



5F7063



4E572C



2E3830



B8B8B8



383838

Same Dimension

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



2C5736



2E703D



2C574B



272B28



006B19



00EB37

Inverse Universe

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



572C4D



702E61



572C38



2B272A



6B0052



EB00B4

Previews

White Background



This preview shows how the Hex color 2C5736 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



This preview shows how the Hex color 2C5736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

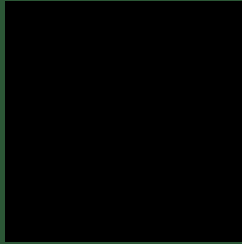
Any Text WCAG AA × Fail

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 2C5736 Background



This preview shows how black text looks on a background with the Hex color 2C5736.

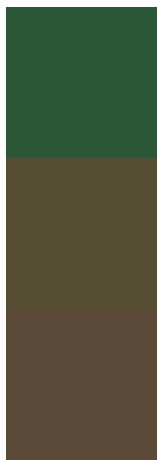


This preview shows how white text looks on a background with the Hex color 2C5736.

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
2C5736

Protanopia
554E32

Deuteranopia
5C4A39



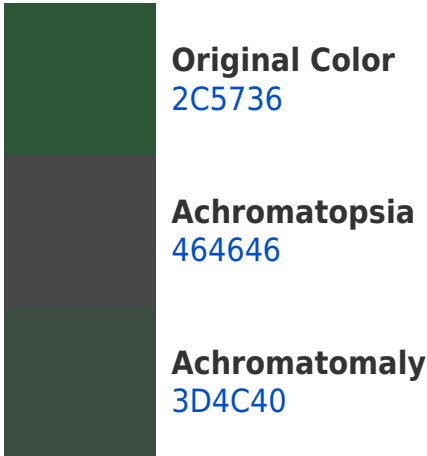
Tritanopia

345359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5736 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 #2C5736 looks like.

```
.text, #text, p{  
    color:#2C5736  
}
```

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 #2C5736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5736
}
```

Border

The CSS property to change the border of an element to Hex 2C5736 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
#2C5736 }
```

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

```
.border{ border-color:#2C5736 }
```

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

Here you see how a box with a 4 pixel #2C5736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5736; -webkit-box-shadow:4px 4px  
4px 4px #2C5736; box-shadow:4px 4px 4px  
4px #2C5736 }
```

Background

The CSS property to change the background color of an element to Hex 2C5736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5736 }
```

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

```
.background{ background-color:#2C5736 }
```

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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