

Converting Colors

Hex(2C6B58)

Have a look what the booklet for
Hex(2C6B58) contains.

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Color

Hex(2C6B58)

Conversions

Conversions Part 1	
Format	Color
Hex	2C6B58
RGB	44, 107, 88
RGB Percent	17%, 42%, 35%
CMY	0.8275, 0.5804, 0.6549
CMYK	0.59, 0.00, 0.18, 0.58
HSL	162°, 42%, 30%
HSV	162°, 59%, 42%
XYZ	8.0579, 11.7554, 11.0769
YIQ	85.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

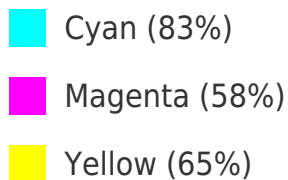
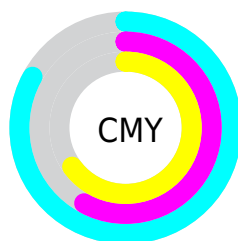
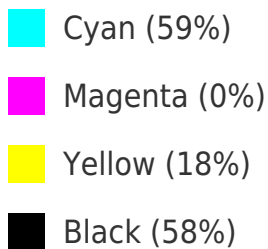
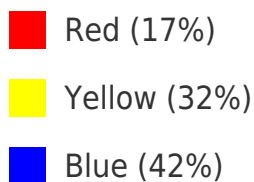
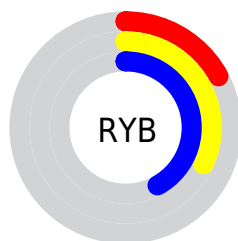
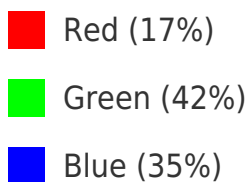
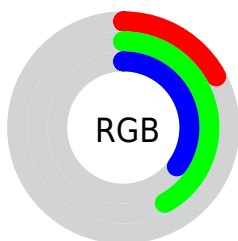
Format	Color
RYB	44, 81, 107
Decimal	2911064
CIELab	40.82, -25.28, 4.61
CIELCh	41, 25.701, 169.669
Yxy	11.7554, 0.2609, 0.3806
Android (android.graphics.Color)	4281101144 (0xFF2C6B58)
YUV	85.9970, 0.9875, -36.8314
Hunter-Lab	34.2862, -18.0503, 4.8455

Details

The Hex color **2C6B58** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B2C3F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **609F8A**, and **003B2B** is the 20% darker color. If you saturate the color by 10%, you get **216B55**, and if you desaturate by 10%, it is **376B5B**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 2C6B58 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 2C6B58 by changing the saturation by 10% instead.

 2C6B58

 2C6B58

FFFFFF

 0E5241

 609F8A

 003B2B

 7ABAA4

 002516

 95D6BF

 000600

 B1F2DB


 000000

 CDFFF8


 E9FFFF

 2C6B58

 2C6B58

 216B55

 376B5B

 176B52

 416B5E

 0C6B4E

 4C6B62

 016B4B

 576B65

 006B4B

 626B68

 6C6B6B

 776B6F

 826B72

 8C6B75

Harmonies

Analogous

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



486844



2C6B58



076B6E

Triad

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



2C6B58



585D88



835541

Complementary

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



2C6B58



6B2C3F

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.



895053



2C6B58



74567C

Square

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



2C6B58



346589



845068



745C37

Rectangle

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



2C6B58



006A7A



845068



865346

Sweetspot

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



2C6B58



738C85



406B2C



384743



C7C7C7



474747

Same Dimension

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



2C6B58



298C6E



2C5F6B



303634



007552



00F5AB

Inverse Universe

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



6B2C3F



8C2947



6B382C



363032



750023



F5004A

Previews

White Background



This preview shows how the Hex color 2C6B58 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



This preview shows how the Hex color 2C6B58 looks on a 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 2C6B58 Background



This preview shows how black text looks on a background with the Hex color 2C6B58.



This preview shows how white text looks on a background with the Hex color 2C6B58.

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
2C6B58

Protanopia
656052





Deuteranopia
6B5D5B






Tritanopia

346870

Trichromacy

	Original Color 2C6B58
	Protanomaly 506454
	Deuteranomaly 54625A
	Tritanomaly 316967

Monochromacy

	Original Color 2C6B58
	Achromatopsia 565656
	Achromatomaly 475E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6B58 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 #2C6B58 looks like.

```
.text, #text, p{  
    color:#2C6B58  
}
```

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 #2C6B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6B58
}
```

Border

The CSS property to change the border of an element to Hex 2C6B58 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
#2C6B58 }
```

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

```
.border{ border-color:#2C6B58 }
```

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

Here you see how a box with a 4 pixel #2C6B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6B58; -webkit-box-shadow:4px 4px  
4px 4px #2C6B58; box-shadow:4px 4px 4px  
4px #2C6B58 }
```

Background

The CSS property to change the background color of an element to Hex 2C6B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6B58 }
```

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

```
.background{ background-color:#2C6B58 }
```

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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