

Converting Colors

Hex(2C662C)

Have a look what the booklet for
Hex(2C662C) contains.

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Color

Hex(2C662C)

Conversions

Conversions Part 1

Format	Color
Hex	2C662C
RGB	44, 102, 44
RGB Percent	17%, 40%, 17%
CMY	0.8275, 0.6000, 0.8275
CMYK	0.57, 0.00, 0.57, 0.60
HSL	120°, 40%, 29%
HSV	120°, 57%, 40%
XYZ	6.2447, 10.2201, 4.0264
YIQ	78.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

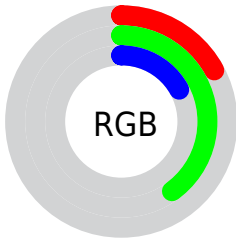
Format	Color
RYB	44, 102, 102
Decimal	2909740
CIELab	38.23, -32.01, 26.88
CIElCh	38, 41.799, 139.986
Yxy	10.2201, 0.3048, 0.4988
Android (android.graphics.Color)	4281099820 (0xFF2C662C)
YUV	78.0460, -16.7847, -29.8583
Hunter-Lab	31.9688, -21.0778, 14.9107

Details

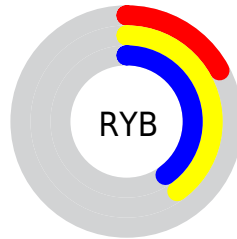
The Hex color **2C662C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662C66**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5F9A5B**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **226622**, and if you desaturate by 10%, it is **366636**.

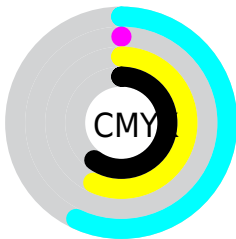
Distribution



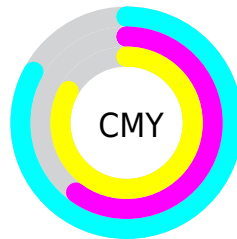
- Red (17%)
- Green (40%)
- Blue (17%)



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



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



- Cyan (83%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C662C 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 2C662C by changing the saturation by 10% instead.



2C662C



2C662C

FFFFFF



104E15



5F9A5B



003600



7AB574



002200



94D08E



000000



B0EDA9



CCFFC4



E8FFE0



FFFFFFD



2C662C



2C662C

■ 226622

■ 366636

■ 186618

■ 406640

■ 0D660D

■ 4B664B

■ 036603

■ 556655

■ 006600

■ 5F665F

■ 696669

■ 736673

■ 7E667E

■ 886688

Harmonies

Analogous

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



565F13



2C662C



00694D

Triad

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



2C662C



00619D



973C45

Complementary

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



2C662C



662C66

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.



923B67



2C662C



45569A

Square

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



2C662C



00688D



784786



8C4727

Rectangle

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



2C662C



006A65



784786



973A50

Sweetspot

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



2C662C



6E856E



66662C



354235



C2C2C2



424242

Same Dimension

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



2C662C



2A852A



2C6649



2E332E



007300



00F200

Inverse Universe

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



662C66



852A85



662C49



332E33



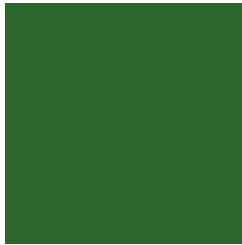
730073



F200F2

Previews

White Background



This preview shows how the Hex color 2C662C looks on a white background.

Color Contrast Check

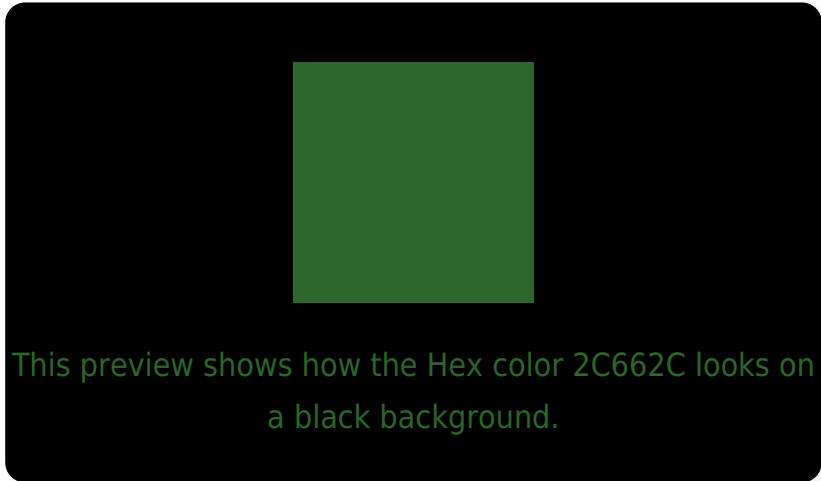
Large Text (above 18pt) WCAG AA ✓ Pass

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

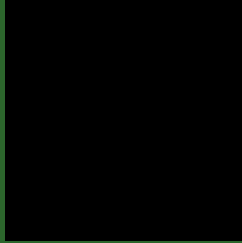
Any Text WCAG AA × Fail

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 2C662C Background



This preview shows how black text looks on a background with the Hex color 2C662C.



This preview shows how white text looks on a background with the Hex color 2C662C.

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
2C662C

Protanopia
645A28

Deuteranopia
6E5531



Tritanopia
3A6068

Trichromacy



Original Color
2C662C

Protanomaly
505E29

Deuteranomaly
565B2F

Tritanomaly
356252

Monochromacy



Original Color
2C662C

Achromatopsia
4E4E4E

Achromatomaly
425742

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C662C 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 #2C662C looks like.

```
.text, #text, p{  
    color:#2C662C  
}
```

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 #2C662C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C662C
}
```

Border

The CSS property to change the border of an element to Hex 2C662C 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
#2C662C }
```

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

```
.border{ border-color:#2C662C }
```

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

Here you see how a box with a 4 pixel #2C662C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C662C; -webkit-box-shadow:4px 4px  
4px 4px #2C662C; box-shadow:4px 4px 4px  
4px #2C662C }
```

Background

The CSS property to change the background color of an element to Hex 2C662C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C662C }
```

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

```
.background{ background-color:#2C662C }
```

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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