

Converting Colors

Hex(2C6028)

Have a look what the booklet for
Hex(2C6028) contains.

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Color

Hex(2C6028)

Conversions

Conversions Part 1

Format	Color
Hex	2C6028
RGB	44, 96, 40
RGB Percent	17%, 38%, 16%
CMY	0.8275, 0.6235, 0.8431
CMYK	0.54, 0.00, 0.58, 0.62
HSL	116°, 41%, 27%
HSV	116°, 58%, 38%
XYZ	5.6046, 9.0544, 3.4598
YIQ	74.0680, -13.0160, -28.4400

Conversions

Conversions Part 2

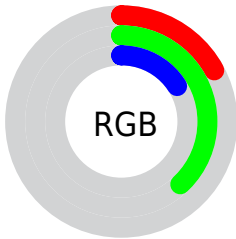
Format	Color
R_{YB}	40, 96, 92
Decimal	2908200
CIE _{Lab}	36.09, -29.91, 26.46
CIE _{LCh}	36, 39.934, 138.499
Y _{xy}	9.0544, 0.3093, 0.4997
Android (android.graphics.Color)	4281098280 (0xFF2C6028)
YUV	74.0680, -16.7955, -26.3696
Hunter-Lab	30.0906, -19.4116, 14.2463

Details

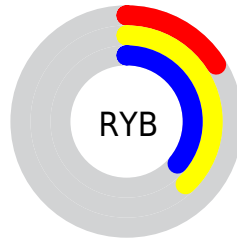
The Hex color **2C6028** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C2860**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5F9357**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **23601E**, and if you desaturate by 10%, it is **356032**.

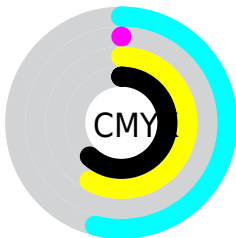
Distribution



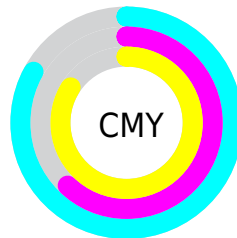
- Red (17%)
- Green (38%)
- Blue (16%)



- Red (16%)
- Yellow (38%)
- Blue (36%)



- Cyan (54%)
- Magenta (0%)
- Yellow (58%)
- Black (62%)



- Cyan (83%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6028 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 2C6028 by changing the saturation by 10% instead.

 2C6028

 2C6028

FFFFFF

 114812

 5F9357

 003100

 78AE70

 001E00

 93C989

 000000

 AEE6A4

 CAFFBF

 E7FFDB

 FFFFF8

 2C6028

 2C6028

■ 23601E

■ 356032

■ 1A6015

■ 3E603B

■ 11600B

■ 476045

■ 086002

■ 50604E

■ 076000

■ 596058

■ 616062

■ 6A606B

■ 736075

■ 7C607E

Harmonies

Analogous

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



535911



2C6028



006347

Triad

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



2C6028



005C94



8F3842

Complementary

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



2C6028



5C2860

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.



893863



2C6028



3E5192

Square

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



2C6028



006284



6F4480



854226

Rectangle

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



2C6028



00645D



6F4480



8F374D

Sweetspot

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



2C6028



687D66



605B28



334032



BFBFBF



404040

Same Dimension

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



2C6028



2C7D25



28603F



2C302C



087000



11F000

Inverse Universe

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



5C2860



77257D



602849



302C30



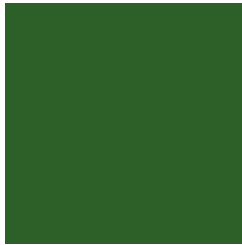
680070



DF00F0

Previews

White Background



This preview shows how the Hex color 2C6028 looks on a white background.

Color Contrast Check

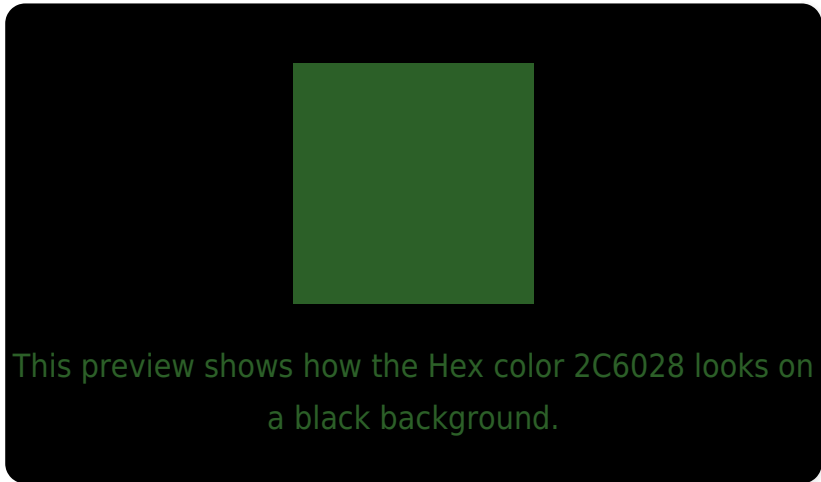
Large Text (above 18pt) WCAG AA ✓ Pass

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

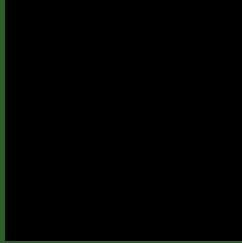
Any Text WCAG AA × Fail

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 2C6028 Background



This preview shows how black text looks on a background with the Hex color 2C6028.



This preview shows how white text looks on a background with the Hex color 2C6028.

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
2C6028

Protanopia
5E5525

Deuteranopia
68512C



Tritanopia
385A61

Trichromacy



Original Color
2C6028

Protanomaly
4C5926

Deuteranomaly
52562B

Tritanomaly
345C4C

Monochromacy



Original Color
2C6028

Achromatopsia
4A4A4A

Achromatomaly
3F523E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6028 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 #2C6028 looks like.

```
.text, #text, p{  
    color:#2C6028  
}
```

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 #2C6028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6028
}
```

Border

The CSS property to change the border of an element to Hex 2C6028 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".

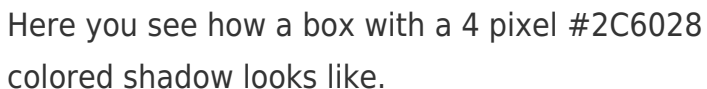
```
.border, #border, table{ border:4px solid
#2C6028 }
```

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

```
.border{ border-color:#2C6028 }
```

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

Here you see how a box with a 4 pixel #2C6028 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6028; -webkit-box-shadow:4px 4px  
4px 4px #2C6028; box-shadow:4px 4px 4px  
4px #2C6028 }
```

Background

The CSS property to change the background color of an element to Hex 2C6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6028 }
```

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

```
.background{ background-color:#2C6028 }
```

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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