

Converting Colors

Hex(2C512F)

Have a look what the booklet for
Hex(2C512F) contains.

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Color

Hex(2C512F)

Conversions

Conversions Part 1

Format	Color
Hex	2C512F
RGB	44, 81, 47
RGB Percent	17%, 32%, 18%
CMY	0.8275, 0.6824, 0.8157
CMYK	0.46, 0.00, 0.42, 0.68
HSL	125°, 30%, 25%
HSV	125°, 46%, 32%
XYZ	4.4942, 6.6256, 3.7313
YIQ	66.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

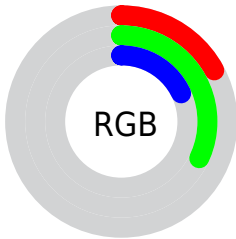
Format	Color
RYB	44, 78, 81
Decimal	2904367
CIELab	30.94, -21.52, 15.97
CIELCh	31, 26.795, 143.425
Yxy	6.6256, 0.3026, 0.4461
Android (android.graphics.Color)	4281094447 (0xFF2C512F)
YUV	66.0610, -9.3971, -19.3475
Hunter-Lab	25.7402, -13.8793, 9.4234

Details

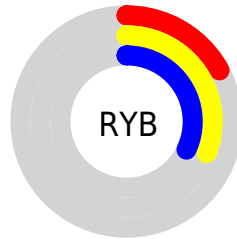
The Hex color **2C512F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512C4E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **5C835D**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **245128**, and if you desaturate by 10%, it is **345136**.

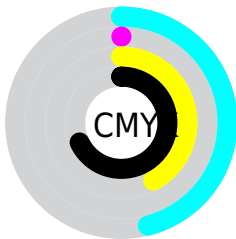
Distribution



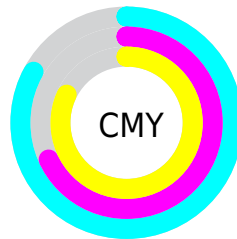
- Red (17%)
- Green (32%)
- Blue (18%)



- Red (17%)
- Yellow (31%)
- Blue (32%)



- Cyan (46%)
- Magenta (0%)
- Yellow (42%)
- Black (68%)



- Cyan (83%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C512F 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 2C512F by changing the saturation by 10% instead.

■ 2C512F

FFFFFF

■ 5C835D

■ 759D76

■ 8FB890

■ AAD4AA

■ C6F0C6

■ E2FFE2

■ 2C512F

■ 245128

■ 2C512F

■ 153A1A

■ 002400

■ 000600

■ 000000

■ 2C512F

■ 345136

■ 1C5120

■ 3C513E

■ 145119

■ 445145

■ 0C5111

■ 4C514D

■ 03510A

■ 555154

■ 005107

■ 5D515C

■ 655163

■ 6D516B

■ 755172

Harmonies

Analogous

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



454D21



2C512F



005343

Triad

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



2C512F



174C72



703839

Complementary

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



2C512F



512C4E

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.



6D384E



2C512F



43456F

Square

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



2C512F



00516A



5E3D62



693E28

Rectangle

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



2C512F



005452



5E3D62



703840

Sweetspot

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



2C512F



5A695B



4F512C



2C362D



B5B5B5



363636

Same Dimension

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



2C512F



2F6934



2C5141



252925



006908



00E813

Inverse Universe

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



512C4E



692F64



512C3C



292528



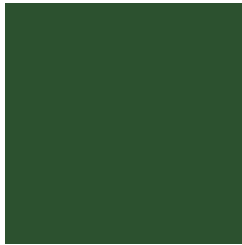
690060



E800D5

Previews

White Background



This preview shows how the Hex color 2C512F looks on a white background.

Color Contrast Check

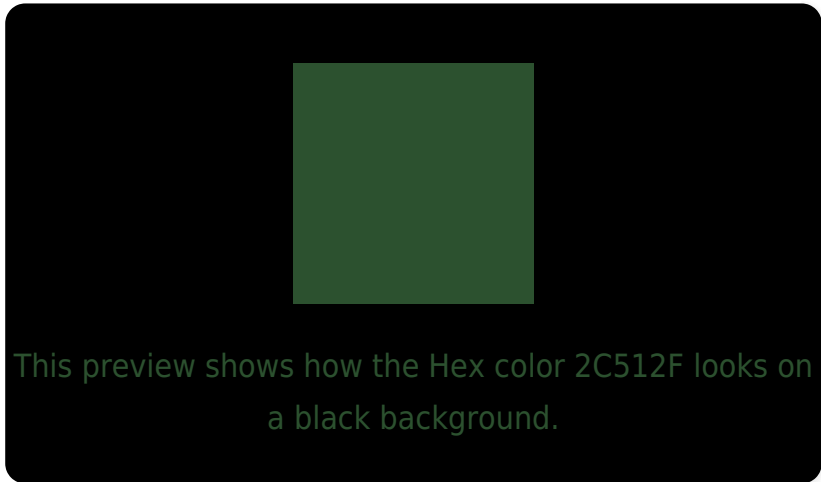
Large Text (above 18pt) WCAG AA ✓ Pass

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

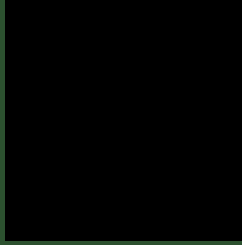
Any Text WCAG AA × Fail

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 2C512F Background



This preview shows how black text looks on a background with the Hex color 2C512F.

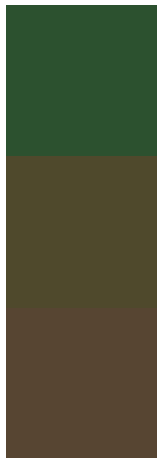


This preview shows how white text looks on a background with the Hex color 2C512F.

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](#).

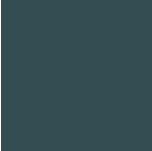
Dichromacy



Original Color
2C512F

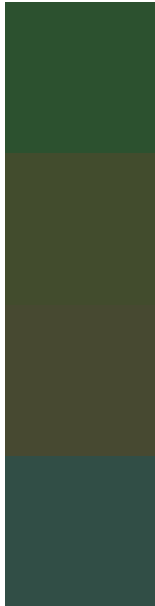
Protanopia
4F492C

Deuteranopia
574532



Tritanopia
344D53

Trichromacy



Original Color
2C512F

Protanomaly
424C2D

Deuteranomaly
474931

Tritanomaly
314E46

Monochromacy



Original Color
2C512F

Achromatopsia
424242

Achromatomaly
3A473B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C512F 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 #2C512F looks like.

```
.text, #text, p{  
    color:#2C512F  
}
```

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 #2C512F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C512F
}
```

Border

The CSS property to change the border of an element to Hex 2C512F 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
#2C512F }
```

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

```
.border{ border-color:#2C512F }
```

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

Here you see how a box with a 4 pixel #2C512F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C512F; -webkit-box-shadow:4px 4px  
4px 4px #2C512F; box-shadow:4px 4px 4px  
4px #2C512F }
```

Background

The CSS property to change the background color of an element to Hex 2C512F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C512F }
```

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

```
.background{ background-color:#2C512F }
```

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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