

Converting Colors

Hex(2A552A)

Have a look what the booklet for
Hex(2A552A) contains.

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Color

Hex(2A552A)

Conversions

Conversions Part 1

Format	Color
Hex	2A552A
RGB	42, 85, 42
RGB Percent	16%, 33%, 16%
CMY	0.8353, 0.6667, 0.8353
CMYK	0.51, 0.00, 0.51, 0.67
HSL	120°, 34%, 25%
HSV	120°, 51%, 33%
XYZ	4.6213, 7.1564, 3.3282
YIQ	67.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

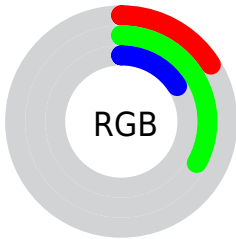
Format	Color
RYB	42, 85, 85
Decimal	2774314
CIELab	32.16, -25.10, 20.50
CIELCh	32, 32.405, 140.754
Yxy	7.1564, 0.3059, 0.4737
Android (android.graphics.Color)	4280964394 (0xFF2A552A)
YUV	67.2410, -12.4438, -22.1364
Hunter-Lab	26.7515, -15.9795, 11.3495

Details

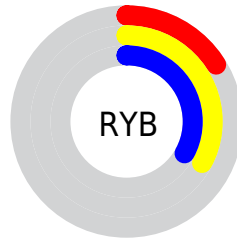
The Hex color **2A552A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552A55**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B8758**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **215521**, and if you desaturate by 10%, it is **325532**.

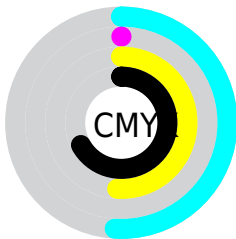
Distribution



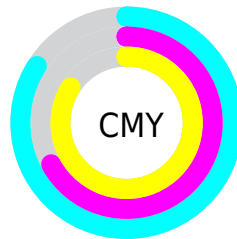
- Red (16%)
- Green (33%)
- Blue (16%)



- Red (16%)
- Yellow (33%)
- Blue (33%)



- Cyan (51%)
- Magenta (0%)
- Yellow (51%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A552A 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 2A552A by changing the saturation by 10% instead.

 2A552A

 2A552A

FFFFFF

 113D15

 5B8758

 002700

 74A271

 000E00

 8EBD8B

 000000

 A9D9A5

 C5F5C0

 E1FFDC

 FEFFF9

 2A552A

 2A552A

■ 215521

■ 325532

■ 195519

■ 3B553B

■ 105510

■ 435543

■ 085508

■ 4C554C

■ 005500

■ 545554

■ 5D555D

■ 655565

■ 6E556E

■ 765576

Harmonies

Analogous

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



495019



2A552A



005843

Triad

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



2A552A



00517E



7B363B

Complementary

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



2A552A



552A55

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.



763655



2A552A



3F487B

Square

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



2A552A



005673



633E6C



723E25

Rectangle

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



2A552A



005854



633E6C



7B3543

Sweetspot

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



2A552A



5D6E5D



55552A



2E382E



B8B8B8



383838

Same Dimension

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



2A552A



2B6E2B



2A553F



272B27



006B00



00EB00

Inverse Universe

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



552A55



6E2B6E



552A3F



2B272B



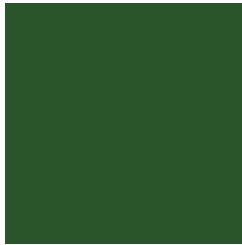
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 2A552A 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

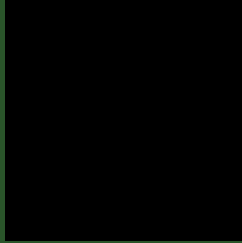
Any Text WCAG AA × Fail

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 2A552A Background



This preview shows how black text looks on a background with the Hex color 2A552A.



This preview shows how white text looks on a background with the Hex color 2A552A.

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
2A552A

Protanopia
534B27

Deuteranopia
5B482D



Tritanopia
345057

Trichromacy



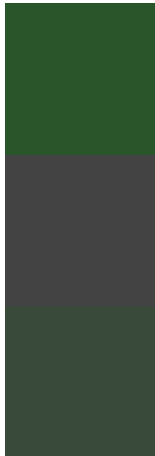
Original Color
2A552A

Protanomaly
444F28

Deuteranomaly
494D2C

Tritanomaly
305247

Monochromacy



Original Color
2A552A

Achromatopsia
434343

Achromatomaly
3A4A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A552A 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 #2A552A looks like.

```
.text, #text, p{  
    color:#2A552A  
}
```

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 #2A552A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A552A
}
```

Border

The CSS property to change the border of an element to Hex 2A552A 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".

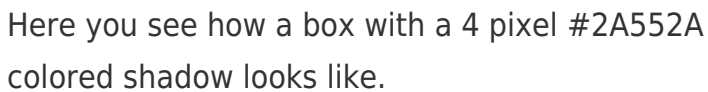
```
.border, #border, table{ border:4px solid
#2A552A }
```

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

```
.border{ border-color:#2A552A }
```

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

Here you see how a box with a 4 pixel #2A552A colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A552A; -webkit-box-shadow:4px 4px  
4px 4px #2A552A; box-shadow:4px 4px 4px  
4px #2A552A }
```

Background

The CSS property to change the background color of an element to Hex 2A552A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A552A }
```

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

```
.background{ background-color:#2A552A }
```

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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