

Converting Colors

Hex(28541A)

Have a look what the booklet for
Hex(28541A) contains.

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Color

Hex(28541A)

Conversions

Conversions Part 1

Format	Color
Hex	28541A
RGB	40, 84, 26
RGB Percent	16%, 33%, 10%
CMY	0.8431, 0.6706, 0.8980
CMYK	0.52, 0.00, 0.69, 0.67
HSL	106°, 53%, 22%
HSV	106°, 69%, 33%
XYZ	4.2318, 6.8663, 2.0796
YIQ	64.2320, -7.6060, -27.3660

Conversions

Conversions Part 2

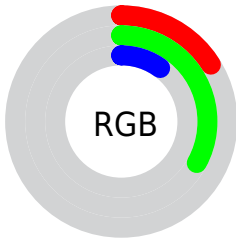
Format	Color
RYB	26, 84, 70
Decimal	2642970
CIELab	31.50, -27.53, 28.44
CIELCh	32, 39.579, 134.071
Yxy	6.8663, 0.3211, 0.5211
Android (android.graphics.Color)	4280833050 (0xFF28541A)
YUV	64.2320, -18.8484, -21.2515
Hunter-Lab	26.2037, -17.0291, 13.6372

Details

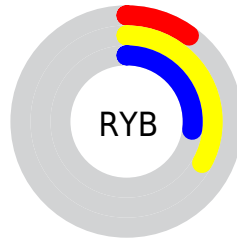
The Hex color **28541A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **461A54**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5A8648**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **225412**, and if you desaturate by 10%, it is **2E5422**.

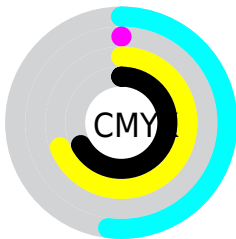
Distribution



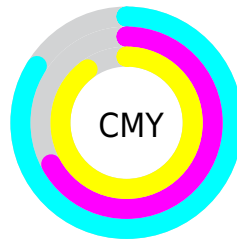
- Red (16%)
- Green (33%)
- Blue (10%)



- Red (10%)
- Yellow (33%)
- Blue (27%)



- Cyan (52%)
- Magenta (0%)
- Yellow (69%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28541A 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 28541A by changing the saturation by 10% instead.

 28541A

 28541A

FFFFFF

 0E3C02

 5A8648

 002600

 73A061

 000A00

 8EBC7A

 000000

 A9D794

 C4F4AF

 E1FFCB

 FEF7E7

 28541A

 28541A

■ 225412

■ 2E5422

■ 1B5409

■ 35542B

■ 155401

■ 3B5433

■ 145400

■ 41543C

■ 485444

■ 4E544C

■ 555455

■ 5B545D

■ 615466

Harmonies

Analogous

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



4C4D03



28541A



005838

Triad

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



28541A



005286



822C3D

Complementary

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



28541A



461A54

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.



7A2E5C



28541A



264987

Square

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



28541A



005775



5E3B77



7A3620

Rectangle

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



28541A



00594E



5E3B77



812B47

Sweetspot

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



28541A



5C6E57



54451A



2D382A



B8B8B8



383838

Same Dimension

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



28541A



296E13



1A5429



262925



196900



38E800

Inverse Universe

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



461A54



58136E



541A45



282529



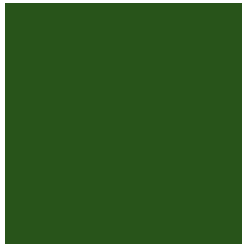
4F0069



B000E8

Previews

White Background



This preview shows how the Hex color 28541A looks on a white background.

Color Contrast Check

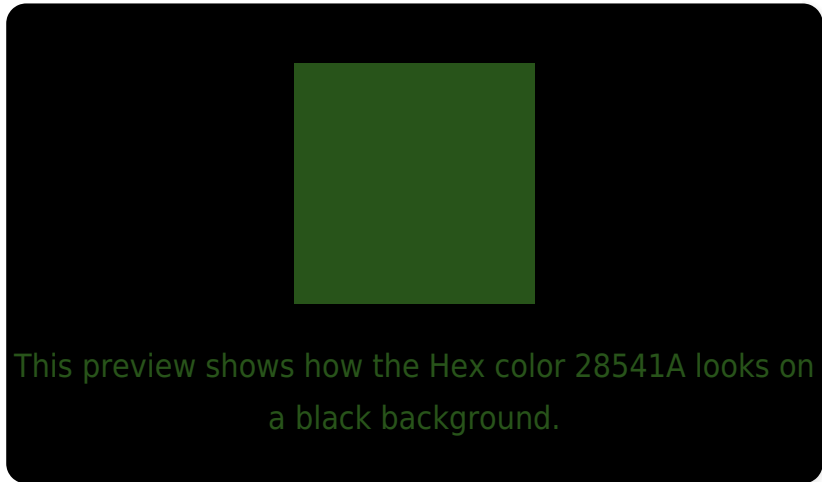
Large Text (above 18pt) WCAG AA ✓ Pass

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

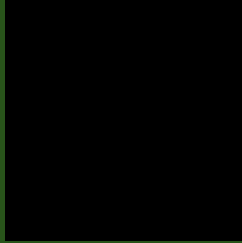
Any Text WCAG AA × Fail

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 28541A Background



This preview shows how black text looks on a background with the Hex color 28541A.



This preview shows how white text looks on a background with the Hex color 28541A.

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](#).

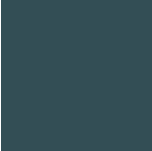
Dichromacy



Original Color
28541A

Protanopia
534A17

Deuteranopia
5C461F



Tritanopia
334E55

Trichromacy



Original Color
28541A

Protanomaly
434E18

Deuteranomaly
494B1D

Tritanomaly
2F5040

Monochromacy



Original Color
28541A

Achromatopsia
404040

Achromatomaly
374732

CSS Examples

Text

The CSS property to change the color of the text to Hex 28541A 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 #28541A looks like.

```
.text, #text, p{  
    color:#28541A  
}
```

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 #28541A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28541A
}
```

Border

The CSS property to change the border of an element to Hex 28541A 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
#28541A }
```

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

```
.border{ border-color:#28541A }
```

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

Here you see how a box with a 4 pixel #28541A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28541A; -webkit-box-shadow:4px 4px  
4px 4px #28541A; box-shadow:4px 4px 4px  
4px #28541A }
```

Background

The CSS property to change the background color of an element to Hex 28541A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28541A }
```

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

```
.background{ background-color:#28541A }
```

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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