

Converting Colors

Hex(28361A)

Have a look what the booklet for
Hex(28361A) contains.

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Color

Hex(28361A)

Conversions

Conversions Part 1

Format	Color
Hex	28361A
RGB	40, 54, 26
RGB Percent	16%, 21%, 10%
CMY	0.8431, 0.7882, 0.8980
CMYK	0.26, 0.00, 0.52, 0.79
HSL	90°, 35%, 16%
HSV	90°, 52%, 21%
XYZ	2.3807, 3.1640, 1.4625
YIQ	46.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

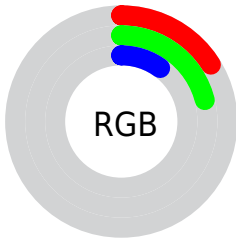
Format	Color
RYB	26, 54, 40
Decimal	2635290
CIELab	20.69, -11.85, 15.72
CIELCh	21, 19.682, 127.017
Yxy	3.1640, 0.3397, 0.4515
Android (android.graphics.Color)	4280825370 (0xFF28361A)
YUV	46.6220, -10.1666, -5.8075
Hunter-Lab	17.7877, -7.2382, 7.5765

Details

The Hex color **28361A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **281A36**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **566546**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **253615**, and if you desaturate by 10%, it is **2B361F**.

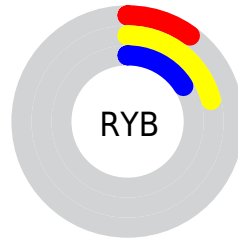
Distribution



Red (16%)

Green (21%)

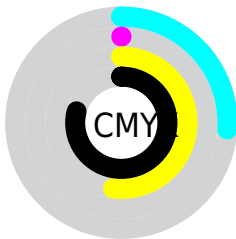
Blue (10%)



Red (10%)

Yellow (21%)

Blue (16%)

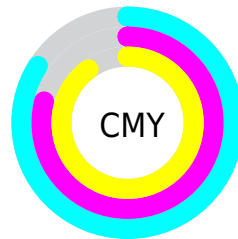


Cyan (26%)

Magenta (0%)

Yellow (52%)

Black (79%)



Cyan (84%)

Magenta (79%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28361A 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 28361A by changing the saturation by 10% instead.

■ 28361A

■ 28361A

FFFFFF

■ 152100

■ 566546

■ 000500

■ 6E7E5E

■ 000000

■ 889876

■ A2B290

■ BECEAB

■ D9EAC6

■ F6FFE2

■ 28361A

■ 28361A

■ 253615

■ 2B361F

■ 23360F

■ 2D3625

■ 20360A

■ 30362A

■ 1D3604

■ 333630

■ 1B3600

■ 363635

■ 38363A

■ 3B3640

■ 3E3645

■ 40364B

Harmonies

Analogous

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



373214



28361A



153826

Triad

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



28361A



00364C



4D262F

Complementary

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



28361A



281A36

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.



46283D



28361A



20324E

Square

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



28361A



003943



382D49



4C2821

Rectangle

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



28361A



013930



382D49



4C2634

Sweetspot

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



28361A



42473C



36281A



20241D



A3A3A3



242424

Same Dimension

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



28361A



31471B



1A361A



1B1C19



2E5C00



6EDB00

Inverse Universe

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



281A36



311B47



361A36



1B191C



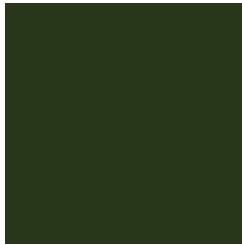
2E005C



6E00DB

Previews

White Background



This preview shows how the Hex color 28361A looks on a white background.

Color Contrast Check

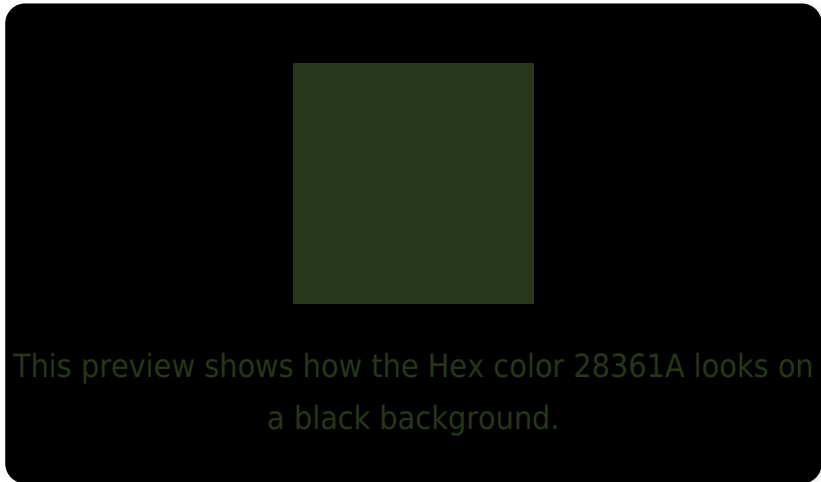
Large Text (above 18pt) WCAG AA ✓ Pass

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

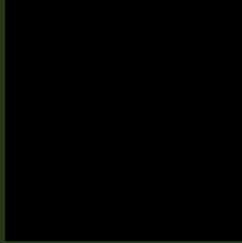
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

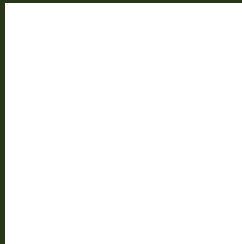
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 28361A Background



This preview shows how black text looks on a background with the Hex color 28361A.



This preview shows how white text looks on a background with the Hex color 28361A.

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

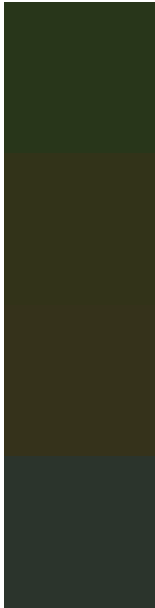


Original Color
28361A

Protanopia
373219

Deuteranopia
3D2F1C

Trichromacy



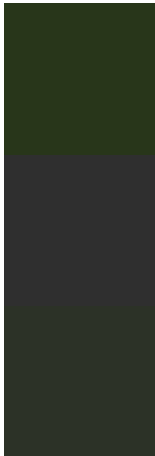
Original Color
28361A

Protanomaly
323319

Deuteranomaly
35321B

Tritanomaly
2B342C

Monochromacy



Original Color
28361A

Achromatopsia
2F2F2F

Achromatomaly
2C3227

CSS Examples

Text

The CSS property to change the color of the text to Hex 28361A 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 #28361A looks like.

```
.text, #text, p{  
    color:#28361A  
}
```

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 #28361A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28361A
}
```

Border

The CSS property to change the border of an element to Hex 28361A 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
#28361A }
```

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

```
.border{ border-color:#28361A }
```

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

Here you see how a box with a 4 pixel #28361A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28361A; -webkit-box-shadow:4px 4px  
4px 4px #28361A; box-shadow:4px 4px 4px  
4px #28361A }
```

Background

The CSS property to change the background color of an element to Hex 28361A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28361A }
```

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

```
.background{ background-color:#28361A }
```

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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