

Converting Colors

Hex(28A036)

Have a look what the booklet for
Hex(28A036) contains.

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Color

Hex(28A036)

Conversions

Conversions Part 1

Format	Color
Hex	28A036
RGB	40, 160, 54
RGB Percent	16%, 63%, 21%
CMY	0.8431, 0.3725, 0.7882
CMYK	0.75, 0.00, 0.66, 0.37
HSL	127°, 60%, 39%
HSV	127°, 75%, 63%
XYZ	14.1117, 25.8591, 7.7376
YIQ	112.0360, -37.4940, -58.4060

Conversions

Conversions Part 2

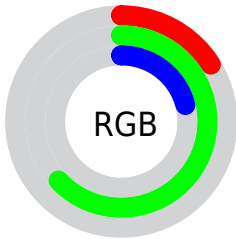
Format	Color
R _{YB}	40, 147, 160
Decimal	2662454
CIE Lab	57.90, -53.79, 44.58
CIE LCh	58, 69.860, 140.349
Yxy	25.8591, 0.2958, 0.5420
Android (android.graphics.Color)	4280852534 (0xFF28A036)
YUV	112.0360, -28.6117, -63.1756
Hunter-Lab	50.8518, -39.4557, 26.5748

Details

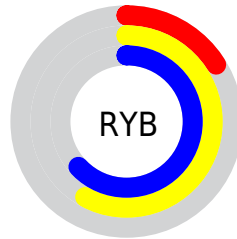
The Hex color **28A036** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A02892**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69D869**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **18A028**, and if you desaturate by 10%, it is **38A044**.

Distribution



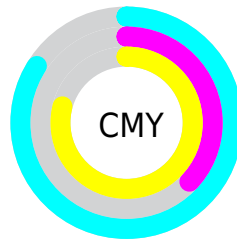
- Red (16%)
- Green (63%)
- Blue (21%)



- Red (16%)
- Yellow (58%)
- Blue (63%)



- Cyan (75%)
- Magenta (0%)
- Yellow (66%)
- Black (37%)



- Cyan (84%)
- Magenta (37%)
- Yellow (79%)
- Black (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A036 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 28A036 by changing the saturation by 10% instead.

 28A036

 28A036

FFFFFF

 00851B

 69D869

 006B00

 86F584

 005200

 A3FF9F

 003900

 C0FFBA

 002300

 DEFFD7

 000000

 FCFFF3

 28A036

 28A036

 18A028

 38A044

■ 08A01A

■ 48A052

■ 00A013

■ 58A060

■ 68A06F

■ 78A07D

■ 88A08B

■ 98A099

■ A8A0A7

■ B8A0B5

Harmonies

Analogous

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



809500



28A036



00A675

Triad

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



28A036



0098FF



F64D65

Complementary

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



28A036



A02892

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.



EE4CA2



28A036



5C83FF

Square

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



28A036



00A3E9



C066DA



E1672C

Rectangle

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



28A036



00A79F



C066DA



F74979

Sweetspot

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



28A036



A1D1A7



92A028



4B694F



E8E8E8



696969

Same Dimension

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



28A036



15D12B



28A072



474F48



008F11



000F02

Inverse Universe

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



A02892



D115BB



A02856



4F474E



8F007E



0F000E

Previews

White Background



This preview shows how the Hex color 28A036 looks on a white background.

Color Contrast Check

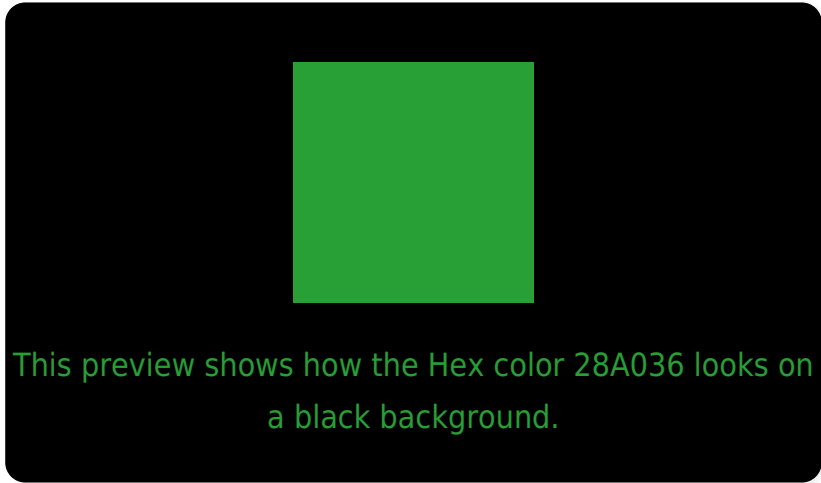
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 28A036 Background



This preview shows how black text looks on a background with the Hex color 28A036.



This preview shows how white text looks on a background with the Hex color 28A036.

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
28A036

Protanopia
9A8A30

Deuteranopia
AB833F



Tritanopia
4A96A2

Trichromacy



Original Color

28A036



Protanomaly

719232



Deuteranomaly

7B8E3C



Tritanomaly

3E9A7B

Monochromacy



Original Color

28A036



Achromatopsia

707070



Achromatomaly

56815B

CSS Examples

Text

The CSS property to change the color of the text to Hex 28A036 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 #28A036 looks like.

```
.text, #text, p{  
    color:#28A036  
}
```

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 #28A036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A036
}
```

Border

The CSS property to change the border of an element to Hex 28A036 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
#28A036 }
```

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

```
.border{ border-color:#28A036 }
```

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

Here you see how a box with a 4 pixel #28A036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A036; -webkit-box-shadow:4px 4px  
4px 4px #28A036; box-shadow:4px 4px 4px  
4px #28A036 }
```

Background

The CSS property to change the background color of an element to Hex 28A036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A036 }
```

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

```
.background{ background-color:#28A036 }
```

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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