

Converting Colors

Hex(28B715)

Have a look what the booklet for
Hex(28B715) contains.

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Color

Hex(28B715)

Conversions

Conversions Part 1

Format	Color
Hex	28B715
RGB	40, 183, 21
RGB Percent	16%, 72%, 8%
CMY	0.8431, 0.2824, 0.9176
CMYK	0.78, 0.00, 0.89, 0.28
HSL	113°, 79%, 40%
HSV	113°, 89%, 72%
XYZ	17.9439, 34.3722, 6.3982
YIQ	121.7750, -33.2260, -80.6980

Conversions

Conversions Part 2

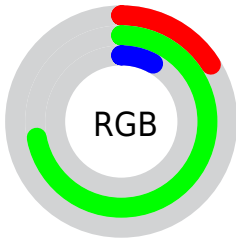
Format	Color
RYB	21, 183, 164
Decimal	2668309
CIELab	65.26, -63.41, 62.34
CIElCh	65, 88.926, 135.487
Yxy	34.3722, 0.3056, 0.5854
Android (android.graphics.Color)	4280858389 (0xFF28B715)
YUV	121.7750, -49.6821, -71.7167
Hunter-Lab	58.6278, -47.9662, 34.5690

Details

The Hex color **28B715** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A415B7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70F054**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **18B703**, and if you desaturate by 10%, it is **38B727**.

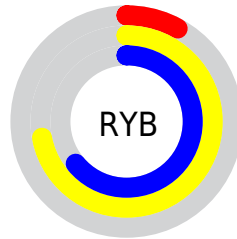
Distribution



Red (16%)

Green (72%)

Blue (8%)



Red (8%)

Yellow (72%)

Blue (64%)

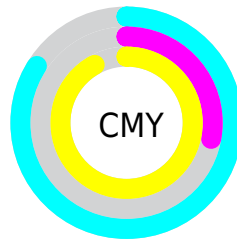


Cyan (78%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (84%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28B715 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 28B715 by changing the saturation by 10% instead.

 28B715

 28B715


FFFFFF

 009B00

 70F054

 008000

 8EFF70

 006600

 ADFF8C

 004D00


 CBFFA8

 003500

 EAFFC5

 001B00

 FFFFE2

 000000

 28B715

 28B715

 18B703

 38B727

■ 15B700

■ 48B73A

■ 58B74C

■ 69B75E

■ 79B771

■ 89B783

■ 99B795

■ A9B7A7

■ B9B7BA

Harmonies

Analogous

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



99A800



28B715



00BF73

Triad

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



28B715



00B3FF



FF3B79

Complementary

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



28B715



A415B7

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.



FF43C9



28B715



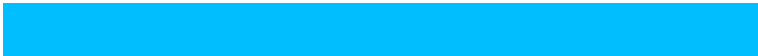
009AFF

Square

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



28B715



00BEFF



D373FF



FF652B

Rectangle

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



28B715



00C1AB



D373FF



FF3593

Sweetspot

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



28B715



B5EDAD



B7A115



567851



F7F7F7



787878

Same Dimension

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



28B715



1CED00



15B750



545C53



129C00



031C00

Inverse Universe

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



A415B7



D100ED



B7157C



5B535C



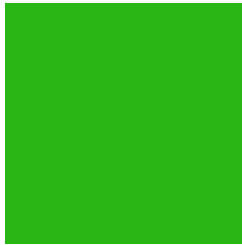
89009C



19001C

Previews

White Background



This preview shows how the Hex color 28B715 looks on a white background.

Color Contrast Check

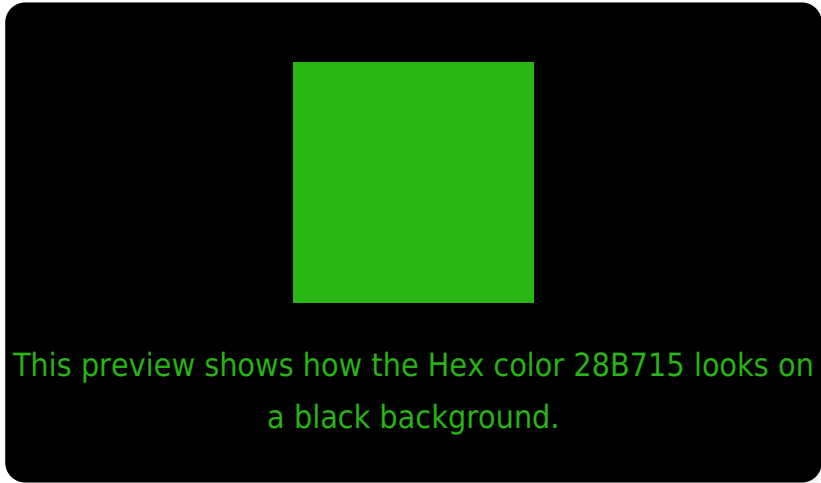
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 28B715 Background



This preview shows how black text looks on a background with the Hex color 28B715.

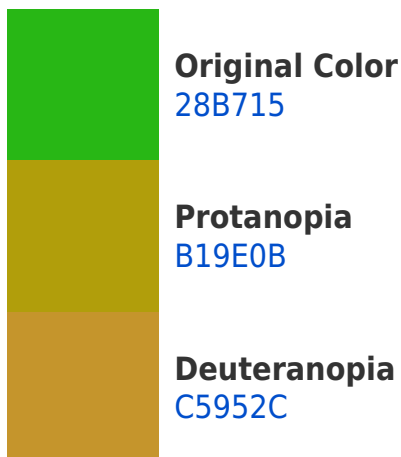


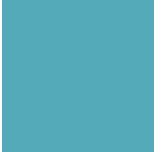
This preview shows how white text looks on a background with the Hex color 28B715.

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





Tritanopia
54AAB8

Trichromacy



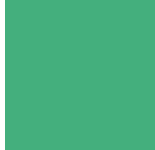
Original Color
28B715



Protanomaly
7FA70F



Deuteranomaly
8CA124



Tritanomaly
44AF7D

Monochromacy



Original Color
28B715



Achromatopsia
7A7A7A



Achromatomaly
5C9055

CSS Examples

Text

The CSS property to change the color of the text to Hex 28B715 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 #28B715 looks like.

```
.text, #text, p{  
    color:#28B715  
}
```

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 #28B715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28B715
}
```

Border

The CSS property to change the border of an element to Hex 28B715 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
#28B715 }
```

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

```
.border{ border-color:#28B715 }
```

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

Here you see how a box with a 4 pixel #28B715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28B715; -webkit-box-shadow:4px 4px  
4px 4px #28B715; box-shadow:4px 4px 4px  
4px #28B715 }
```

Background

The CSS property to change the background color of an element to Hex 28B715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28B715 }
```

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

```
.background{ background-color:#28B715 }
```

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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