

Converting Colors

Hex(288321)

Have a look what the booklet for
Hex(288321) contains.

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Color

Hex(288321)

Conversions

Conversions Part 1

Format	Color
Hex	288321
RGB	40, 131, 33
RGB Percent	16%, 51%, 13%
CMY	0.8431, 0.4863, 0.8706
CMYK	0.69, 0.00, 0.75, 0.49
HSL	116°, 60%, 32%
HSV	116°, 75%, 51%
XYZ	9.2659, 16.7935, 4.1920
YIQ	92.6190, -22.7780, -49.7700

Conversions

Conversions Part 2

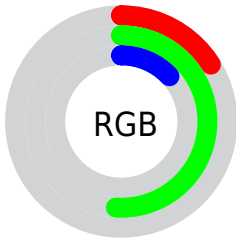
Format	Color
R_{YB}	33, 131, 124
Decimal	2655009
CIE _{Lab}	48.00, -45.74, 42.81
CIE _{LCh}	48, 62.647, 136.894
Yxy	16.7935, 0.3063, 0.5551
Android (android.graphics.Color)	4280845089 (0xFF288321)
YUV	92.6190, -29.3922, -46.1469
Hunter-Lab	40.9799, -31.3545, 22.6210

Details

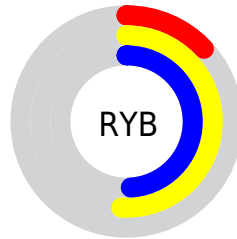
The Hex color **288321** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7C2183**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63B954**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **1C8314**, and if you desaturate by 10%, it is **34832E**.

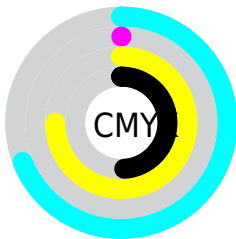
Distribution



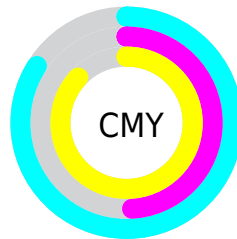
- Red (16%)
- Green (51%)
- Blue (13%)



- Red (13%)
- Yellow (51%)
- Blue (49%)



- Cyan (69%)
- Magenta (0%)
- Yellow (75%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288321 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 288321 by changing the saturation by 10% instead.



288321



288321

FFFFFF



006902



63B954



005000



7FD56E



003800



9BF288



002300



B7FFA3



000000



D4FFBF



F2FFDB



FFFFFF8



288321



288321

■ 1C8314

■ 34832E

■ 108307

■ 40833B

■ 098300

■ 4C8348

■ 598355

■ 658362

■ 718370

■ 7D837D

■ 89838A

■ 958397

Harmonies

Analogous

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



6E7900



288321



008858

Triad

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



288321



007FD9



CF3957

Complementary

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



288321



7C2183

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.



C43B8B



288321



336ED8

Square

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



288321



0087BF



9955BB



BF4F25

Rectangle

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



288321



008A7D



9955BB



CE3668

Sweetspot

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



288321



88AB85



837B21



425740



D6D6D6



575757

Same Dimension

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



288321



1CAB11



21834A



3C423C



098200



000300

Inverse Universe

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



7C2183



A011AB



83215A



423C42



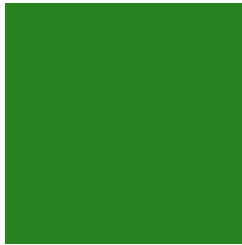
790082



020003

Previews

White Background



This preview shows how the Hex color 288321 looks on a white background.

Color Contrast Check

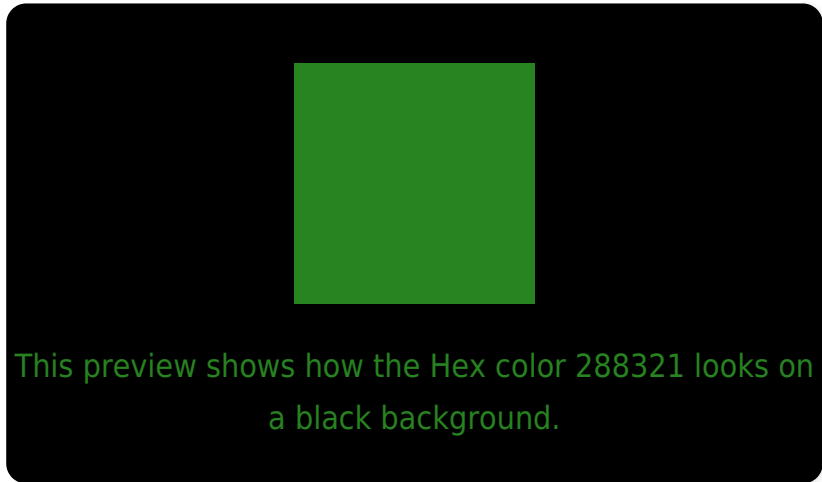
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

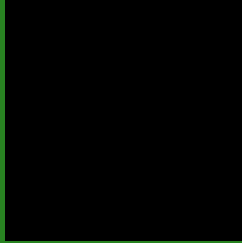
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 288321 Background



This preview shows how black text looks on a background with the Hex color 288321.



This preview shows how white text looks on a background with the Hex color 288321.

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
288321

Protanopia
7F721D

Deuteranopia
8D6C2A



Tritanopia
417A84

Trichromacy



Original Color
288321

Protanomaly
5F781E

Deuteranomaly
687427

Tritanomaly
387D60

Monochromacy



Original Color
288321

Achromatopsia
5D5D5D

Achromatomaly
4A6B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 288321 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 #288321 looks like.

```
.text, #text, p{  
    color:#288321  
}
```

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 #288321 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288321
}
```

Border

The CSS property to change the border of an element to Hex 288321 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
#288321 }
```

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

```
.border{ border-color:#288321 }
```

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

Here you see how a box with a 4 pixel #288321 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288321; -webkit-box-shadow:4px 4px  
4px 4px #288321; box-shadow:4px 4px 4px  
4px #288321 }
```

Background

The CSS property to change the background color of an element to Hex 288321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288321 }
```

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

```
.background{ background-color:#288321 }
```

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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