

Converting Colors

Hex(288728)

Have a look what the booklet for
Hex(288728) contains.

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Color

Hex(288728)

Conversions

Conversions Part 1

Format	Color
Hex	288728
RGB	40, 135, 40
RGB Percent	16%, 53%, 16%
CMY	0.8431, 0.4706, 0.8431
CMYK	0.70, 0.00, 0.70, 0.47
HSL	120°, 54%, 34%
HSV	120°, 70%, 53%
XYZ	9.9220, 17.9323, 4.9458
YIQ	95.7650, -26.1250, -49.6850

Conversions

Conversions Part 2

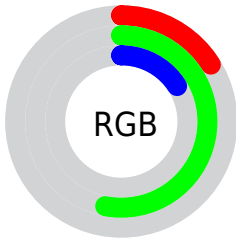
Format	Color
RYB	40, 135, 135
Decimal	2656040
CIELab	49.41, -46.53, 41.42
CIELCh	49, 62.295, 138.323
Yxy	17.9323, 0.3025, 0.5467
Android (android.graphics.Color)	4280846120 (0xFF288728)
YUV	95.7650, -27.4921, -48.9059
Hunter-Lab	42.3465, -32.2827, 22.7178

Details

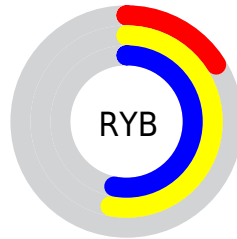
The Hex color **288728** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **872887**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63BD5A**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **1B871B**, and if you desaturate by 10%, it is **368736**.

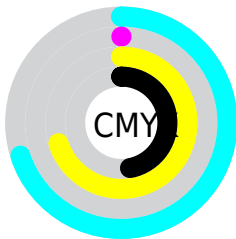
Distribution



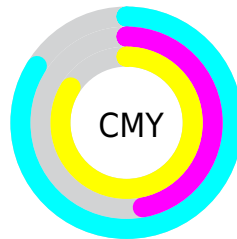
- Red (16%)
- Green (53%)
- Blue (16%)



- Red (16%)
- Yellow (53%)
- Blue (16%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (47%)



- Cyan (84%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288728 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 288728 by changing the saturation by 10% instead.



288728



288728

FFFFFF



006D0C



63BD5A



005400



7FD974



003C00



9CF68F



002600



B8FFAA



000000



D5FFC6



F3FFE2



288728



288728



1B871B



368736

■ 0D870D

■ 438743

■ 008700

■ 518751

■ 5E875E

■ 6C876C

■ 798779

■ 878787

■ 948794

■ A287A2

Harmonies

Analogous

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



6F7D00



288728



008C5E

Triad

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



288728



0082DE



D23E58

Complementary

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



288728



872887

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.



C93F8C



288728



4270DB

Square

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



288728



008BC4



9F57BD



C25426

Rectangle

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



288728



008D83



9F57BD



D33B69

Sweetspot

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



288728



8BB08B



878728



435943



D9D9D9



595959

Same Dimension

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



288728



1CB01C



288758



3C423C



008200



000300

Inverse Universe

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



872887



B01CB0



872858



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 288728 looks on a white background.

Color Contrast Check

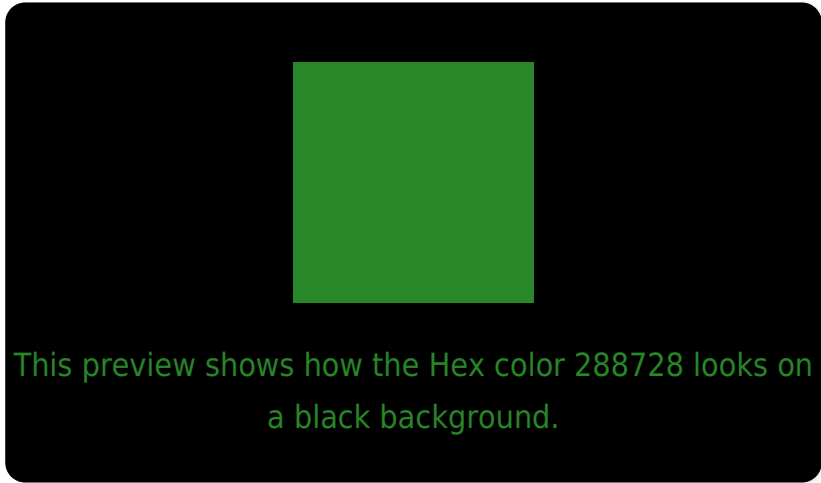
Large Text (above 18pt) WCAG AA ✓ Pass

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

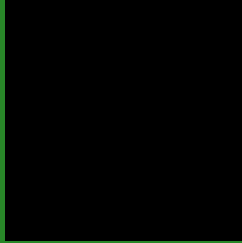
Any Text WCAG AA ✓ Pass

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 288728 Background



This preview shows how black text looks on a background with the Hex color 288728.



This preview shows how white text looks on a background with the Hex color 288728.

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
288728

Protanopia
837523

Deuteranopia
916F31



Tritanopia
427E88

Trichromacy



Original Color
288728



Protanomaly
627C25



Deuteranomaly
6B782E



Tritanomaly
398165

Monochromacy



Original Color
288728



Achromatopsia
606060



Achromatomaly
4C6E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 288728 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 #288728 looks like.

```
.text, #text, p{  
    color:#288728  
}
```

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 #288728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288728
}
```

Border

The CSS property to change the border of an element to Hex 288728 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
#288728 }
```

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

```
.border{ border-color:#288728 }
```

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

Here you see how a box with a 4 pixel #288728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288728; -webkit-box-shadow:4px 4px  
4px 4px #288728; box-shadow:4px 4px 4px  
4px #288728 }
```

Background

The CSS property to change the background color of an element to Hex 288728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288728 }
```

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

```
.background{ background-color:#288728 }
```

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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