

Converting Colors

Hex(287708)

Have a look what the booklet for
Hex(287708) contains.

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Color

Hex(287708)

Conversions

Conversions Part 1

Format	Color
Hex	287708
RGB	40, 119, 8
RGB Percent	16%, 47%, 3%
CMY	0.8431, 0.5333, 0.9686
CMYK	0.66, 0.00, 0.93, 0.53
HSL	103°, 87%, 25%
HSV	103°, 93%, 47%
XYZ	7.5157, 13.6623, 2.4707
YIQ	82.7250, -11.4530, -51.2690

Conversions

Conversions Part 2

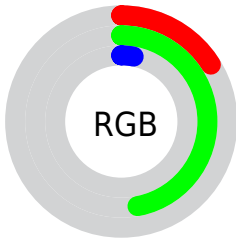
Format	Color
RYB	8, 119, 87
Decimal	2651912
CIELab	43.74, -42.91, 46.39
CIELCh	44, 63.191, 132.771
Yxy	13.6623, 0.3178, 0.5777
Android (android.graphics.Color)	4280841992 (0xFF287708)
YUV	82.7250, -36.8394, -37.4698
Hunter-Lab	36.9625, -28.3894, 21.9106

Details

The Hex color **287708** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570877**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **61AC42**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **227700**, and if you desaturate by 10%, it is **307714**.

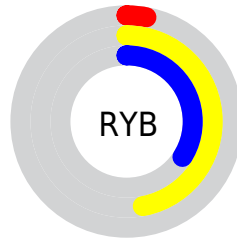
Distribution



Red (16%)

Green (47%)

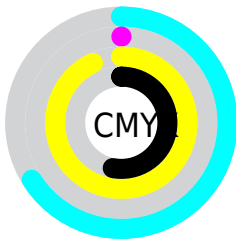
Blue (3%)



Red (3%)

Yellow (47%)

Blue (34%)

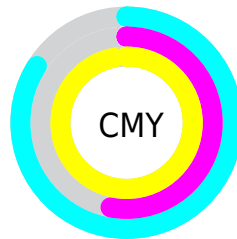


Cyan (66%)

Magenta (0%)

Yellow (93%)

Black (53%)



Cyan (84%)

Magenta (53%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287708 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 287708 by changing the saturation by 10% instead.

 287708

 287708

FFFFFF

 005E00

 61AC42

 004500

 7DC85B

 002E00

 99E476

 001600

 B5FF90

 000000

 D2FFAC

 EFFF8

 FFFF4

 287708

 287708

■ 227700

■ 307714

■ 397720

■ 41772C

■ 4A7738

■ 527743

■ 5B774F

■ 63775B

■ 6C7767

■ 747773

Harmonies

Analogous

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



696C00



287708



007C46

Triad

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



287708



0076CC



C32853

Complementary

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



287708



570877

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.



B43088



287708



0066CF

Square

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



287708



007DAE



844EB5



B64021

Rectangle

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



287708



007E6B



844EB5



C12665

Sweetspot

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



287708



7D9C70



775608



3C4F34



CFCFCF



4F4F4F

Same Dimension

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



287708



2D9C00



08771E



363B35



237A00



48FA00

Inverse Universe

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



570877



6F009C



770861



39353B



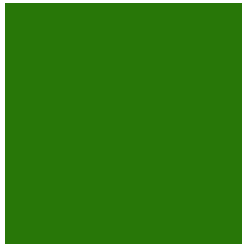
57007A



B200FA

Previews

White Background



This preview shows how the Hex color 287708 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

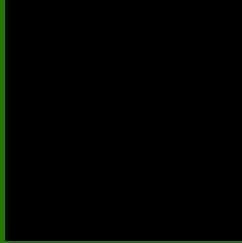
Any Text WCAG AA × Fail

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 287708 Background



This preview shows how black text looks on a background with the Hex color 287708.



This preview shows how white text looks on a background with the Hex color 287708.

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
287708

Protanopia
746700

Deuteranopia
81621A



Tritanopia
3E6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 287708 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 #287708 looks like.

```
.text, #text, p{  
    color:#287708  
}
```

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 #287708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287708
}
```

Border

The CSS property to change the border of an element to Hex 287708 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
#287708 }
```

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

```
.border{ border-color:#287708 }
```

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

Here you see how a box with a 4 pixel #287708 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287708; -webkit-box-shadow:4px 4px  
4px 4px #287708; box-shadow:4px 4px 4px  
4px #287708 }
```

Background

The CSS property to change the background color of an element to Hex 287708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287708 }
```

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

```
.background{ background-color:#287708 }
```

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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