

Converting Colors

Hex(275008)

Have a look what the booklet for
Hex(275008) contains.

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Color

Hex(275008)

Conversions

Conversions Part 1

Format	Color
Hex	275008
RGB	39, 80, 8
RGB Percent	15%, 31%, 3%
CMY	0.8471, 0.6863, 0.9686
CMYK	0.51, 0.00, 0.90, 0.69
HSL	94°, 82%, 17%
HSV	94°, 90%, 31%
XYZ	3.7492, 6.1862, 1.2262
YIQ	59.5330, -1.3240, -31.0840

Conversions

Conversions Part 2

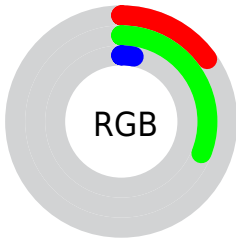
Format	Color
R_{YB}	8, 80, 49
Decimal	2576392
CIE _{Lab}	29.88, -27.54, 34.27
CIE _{LCh}	30, 43.967, 128.790
Yxy	6.1862, 0.3359, 0.5542
Android (android.graphics.Color)	4280766472 (0xFF275008)
YUV	59.5330, -25.4058, -18.0074
Hunter-Lab	24.8720, -16.6192, 14.4875

Details

The Hex color **275008** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **310850**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **598239**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **225000**, and if you desaturate by 10%, it is **2C5010**.

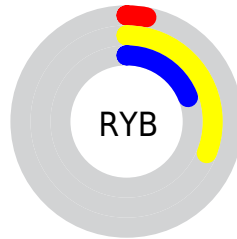
Distribution



Red (15%)

Green (31%)

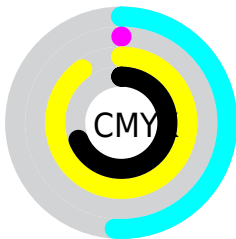
Blue (3%)



Red (3%)

Yellow (31%)

Blue (19%)

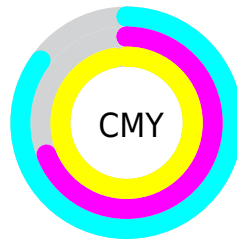


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (69%)



Cyan (85%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 275008 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 275008 by changing the saturation by 10% instead.

 275008

 275008

 FFFFF3

 103900

 598239

 002400

 739C52

 000000

 8DB76B

 A8D385

 C4EF9F

 E1FFBA

 FEFFD6

 275008

 275008

■ 225000

■ 2C5010

■ 305018

■ 355020

■ 395028

■ 3E5030

■ 425038

■ 475040

■ 4B5048

■ 505050

Harmonies

Analogous

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



4D4800



275008



00542C

Triad

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



275008



005186



82203E

Complementary

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



275008



310850

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.



762760



275008



00478A

Square

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



275008



005571



54387C



7D2C1D

Rectangle

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



275008



005544



54387C



812149

Sweetspot

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



275008



58694C



503108



2C3624



B5B5B5



363636

Same Dimension

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



275008



2D6900



08500D



262925



64E800

Inverse Universe

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



310850



3C0069



50084B



272529



8400E8

Previews

White Background



This preview shows how the Hex color 275008 looks on a white background.

Color Contrast Check

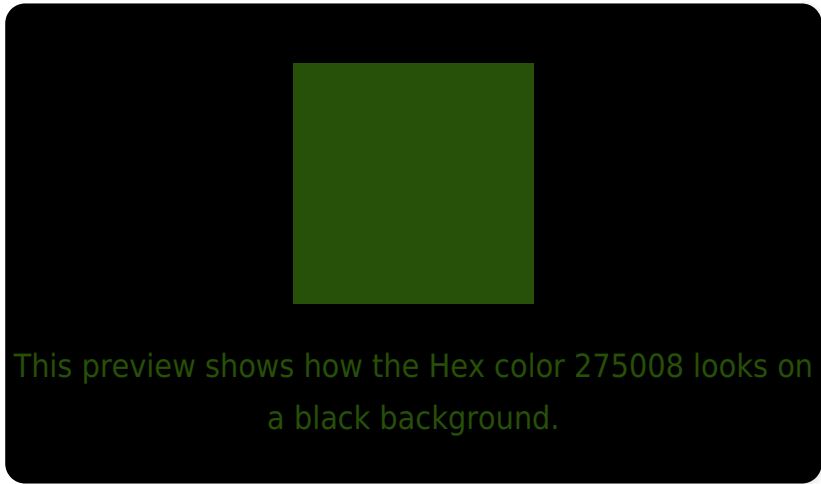
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

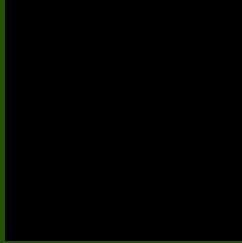
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 275008 Background



This preview shows how black text looks on a background with the Hex color 275008.



This preview shows how white text looks on a background with the Hex color 275008.

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](#).

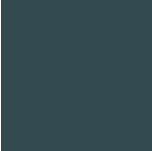
Dichromacy



Original Color
275008

Protanopia
4F4603

Deuteranopia
584312



Tritanopia
324A50

Trichromacy



Original Color
275008

Protanomaly
404A05

Deuteranomaly
46480E

Tritanomaly
2E4C36

Monochromacy



Original Color
275008

Achromatopsia
3C3C3C

Achromatomaly
344329

CSS Examples

Text

The CSS property to change the color of the text to Hex 275008 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 #275008 looks like.

```
.text, #text, p{  
    color:#275008  
}
```

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 #275008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275008
}
```

Border

The CSS property to change the border of an element to Hex 275008 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
#275008 }
```

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

```
.border{ border-color:#275008 }
```

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

Here you see how a box with a 4 pixel #275008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275008; -webkit-box-shadow:4px 4px  
4px 4px #275008; box-shadow:4px 4px 4px  
4px #275008 }
```

Background

The CSS property to change the background color of an element to Hex 275008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275008 }
```

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

```
.background{ background-color:#275008 }
```

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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