

Converting Colors

Hex(298602)

Have a look what the booklet for
Hex(298602) contains.

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Color

Hex(298602)

Conversions

Conversions Part 1

Format	Color
Hex	298602
RGB	41, 134, 2
RGB Percent	16%, 53%, 1%
CMY	0.8392, 0.4745, 0.9922
CMYK	0.69, 0.00, 0.99, 0.47
HSL	102°, 97%, 27%
HSV	102°, 99%, 53%
XYZ	9.4505, 17.5260, 2.9422
YIQ	91.1450, -13.0560, -60.7680

Conversions

Conversions Part 2

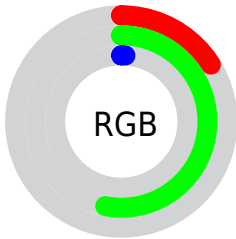
Format	Color
R_{YB}	2, 134, 95
Decimal	2721282
CIE _{Lab}	48.92, -48.17, 51.91
CIE _{LCh}	49, 70.817, 132.863
Yxy	17.5260, 0.3159, 0.5858
Android (android.graphics.Color)	4280911362 (0xFF298602)
YUV	91.1450, -43.9485, -43.9772
Hunter-Lab	41.8641, -32.9670, 25.1380

Details

The Hex color **298602** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F0286**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **65BC42**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **288600**, and if you desaturate by 10%, it is **32860F**.

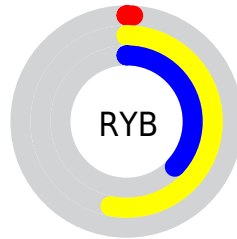
Distribution



Red (16%)

Green (53%)

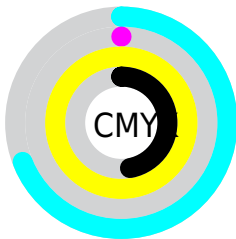
Blue (1%)



Red (1%)

Yellow (53%)

Blue (37%)

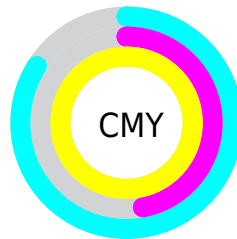


Cyan (69%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (84%)

Magenta (47%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298602 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 298602 by changing the saturation by 10% instead.

 298602

 298602

FFFFFF

 006C00

 65BC42

 005300

 82D85D

 003B00

 9EF577

 002500

 BBFF92

 000000

 D8FFAE

 F6FFCA

 FFFFE7

 298602

 298602

 288600

 32860F

 3C861D

 45862A

 4F8638

 588645

 628652

 6B8660

 75866D

 7E867B

Harmonies

Analogous

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



757A00



298602



008C4E

Triad

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



298602



0085E8



DC285D

Complementary

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



298602



5F0286

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.



CC3399



298602



0073EB

Square

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



298602



008DC5



9556CD



CD4623

Rectangle

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



298602



008E79



9556CD



DB2571

Sweetspot

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



298602



89AD79



865E02



415737



D6D6D6



575757

Same Dimension

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



298602



33AD00



02861C



3E423C



268200



010300

Inverse Universe

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



5F0286



7A00AD



86026C



403C42



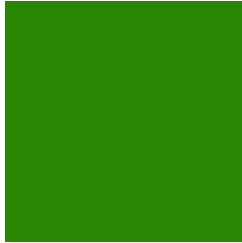
5C0082



020003

Previews

White Background



This preview shows how the Hex color 298602 looks on a white background.

Color Contrast Check

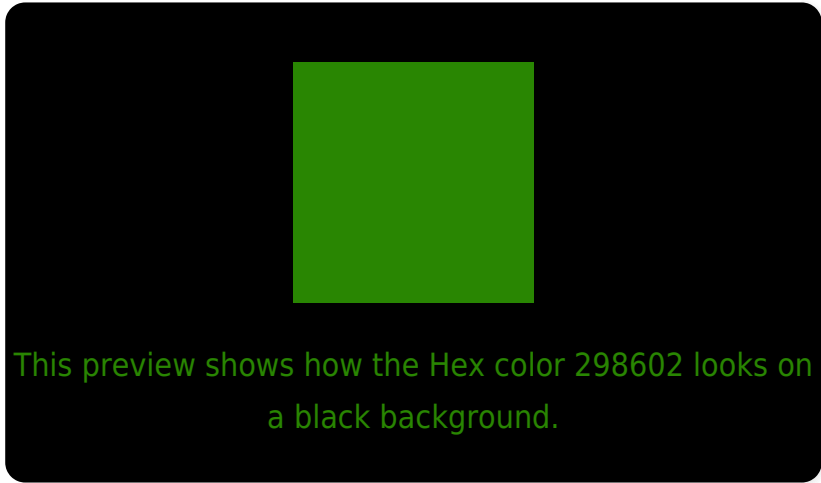
Large Text (above 18pt) WCAG AA ✓ Pass

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 298602 Background



This preview shows how black text looks on a background with the Hex color 298602.



This preview shows how white text looks on a background with the Hex color 298602.

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
298602

Protanopia
827400

Deuteranopia
916E1D



Tritanopia
447D87

Trichromacy



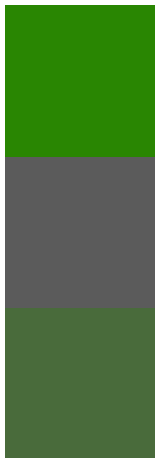
Original Color
298602

Protanomaly
627B01

Deuteranomaly
6B7713

Tritanomaly
3A8057

Monochromacy



Original Color
298602

Achromatopsia
5B5B5B

Achromatomaly
496B3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 298602 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 #298602 looks like.

```
.text, #text, p{  
    color:#298602  
}
```

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 #298602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298602
}
```

Border

The CSS property to change the border of an element to Hex 298602 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".

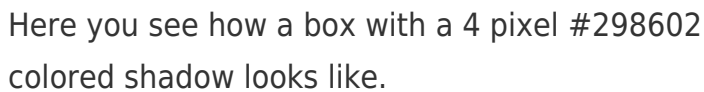
```
.border, #border, table{ border:4px solid
#298602 }
```

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

```
.border{ border-color:#298602 }
```

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

Here you see how a box with a 4 pixel #298602 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298602; -webkit-box-shadow:4px 4px  
4px 4px #298602; box-shadow:4px 4px 4px  
4px #298602 }
```

Background

The CSS property to change the background color of an element to Hex 298602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298602 }
```

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

```
.background{ background-color:#298602 }
```

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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