

Converting Colors

Hex(297521)

Have a look what the booklet for
Hex(297521) contains.

Hex(297521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(297521)

Conversions

Conversions Part 1

Format	Color
Hex	297521
RGB	41, 117, 33
RGB Percent	16%, 46%, 13%
CMY	0.8392, 0.5412, 0.8706
CMYK	0.65, 0.00, 0.72, 0.54
HSL	114°, 56%, 29%
HSV	114°, 72%, 46%
XYZ	7.5503, 13.3038, 3.6088
YIQ	84.7000, -18.3320, -42.2360

Conversions

Conversions Part 2

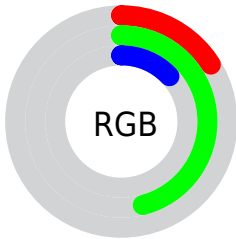
Format	Color
RYB	33, 117, 109
Decimal	2716961
CIELab	43.22, -40.31, 37.86
CIELCh	43, 55.299, 136.799
Yxy	13.3038, 0.3086, 0.5438
Android (android.graphics.Color)	4280907041 (0xFF297521)
YUV	84.7000, -25.4881, -38.3249
Hunter-Lab	36.4744, -26.8804, 19.6659

Details

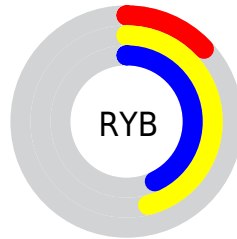
The Hex color **297521** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6D2175**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **60AA52**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **1E7515**, and if you desaturate by 10%, it is **34752D**.

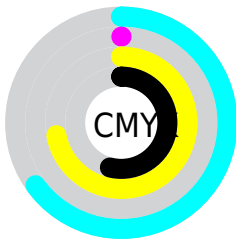
Distribution



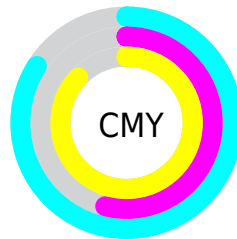
- Red (16%)
- Green (46%)
- Blue (13%)



- Red (13%)
- Yellow (46%)
- Blue (43%)



- Cyan (65%)
- Magenta (0%)
- Yellow (72%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297521 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 297521 by changing the saturation by 10% instead.

 297521

 297521

FFFFFF

 025C05

 60AA52

 004300

 7CC66C

 002D00

 97E286

 001300

 B3FFA0

 000000

 D0FFBC

 EDFFD8

 FFFFF5

 297521

 297521

■ 1E7515

■ 34752D

■ 14750A

■ 3E7538

■ 0B7500

■ 497544

■ 537550

■ 5E755C

■ 697567

■ 737573

■ 7E757F

■ 88758A

Harmonies

Analogous

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



636C00



297521



007A50

Triad

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



297521



0071C0



B7364E

Complementary

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



297521



6D2175

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.



AE397C



297521



3463BE

Square

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



297521



0079A8



884DA5



AA4824

Rectangle

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



297521



007B70



884DA5



B7345E

Sweetspot

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



297521



7B9977



756D21



3B4D39



CCCCCC



4D4D4D

Same Dimension

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



297521



229915



217543



353B35



0C7A00



18FA00

Inverse Universe

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



6D2175



8C1599



752153



3A353B



6F007A



E200FA

Previews

White Background



This preview shows how the Hex color 297521 looks on a white background.

Color Contrast Check

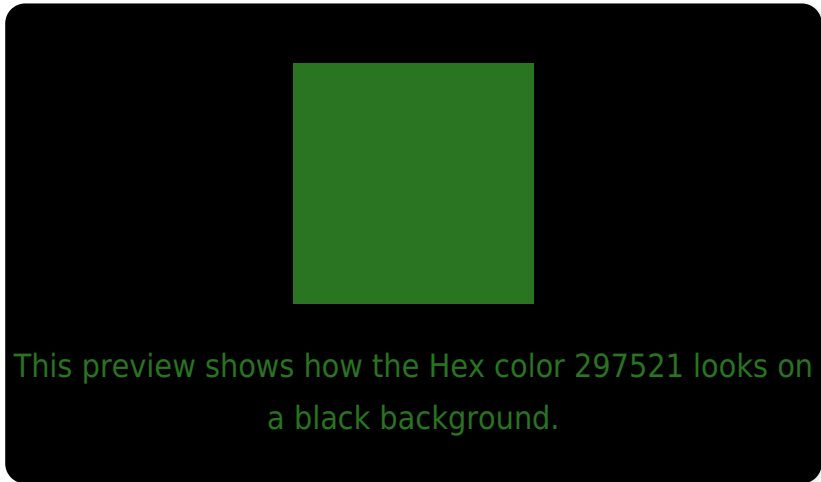
Large Text (above 18pt) WCAG AA ✓ Pass

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

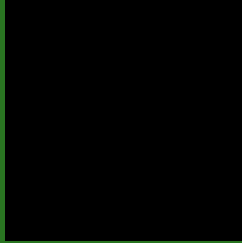
Any Text WCAG AA × Fail

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 297521 Background



This preview shows how black text looks on a background with the Hex color 297521.



This preview shows how white text looks on a background with the Hex color 297521.

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
297521

Protanopia
72661D

Deuteranopia
7E6129



Tritanopia
3D6D76

Trichromacy



Original Color
297521

Protanomaly
576B1E

Deuteranomaly
5F6826

Tritanomaly
367057

Monochromacy



Original Color
297521

Achromatopsia
555555

Achromatomaly
456142

CSS Examples

Text

The CSS property to change the color of the text to Hex 297521 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 #297521 looks like.

```
.text, #text, p{  
    color:#297521  
}
```

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 #297521 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297521
}
```

Border

The CSS property to change the border of an element to Hex 297521 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
#297521 }
```

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

```
.border{ border-color:#297521 }
```

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

Here you see how a box with a 4 pixel #297521 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297521; -webkit-box-shadow:4px 4px  
4px 4px #297521; box-shadow:4px 4px 4px  
4px #297521 }
```

Background

The CSS property to change the background color of an element to Hex 297521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297521 }
```

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

```
.background{ background-color:#297521 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor