

Converting Colors

Hex(299051)

Have a look what the booklet for
Hex(299051) contains.

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Color

Hex(299051)

Conversions

Conversions Part 1

Format	Color
Hex	299051
RGB	41, 144, 81
RGB Percent	16%, 56%, 32%
CMY	0.8392, 0.4353, 0.6824
CMYK	0.72, 0.00, 0.44, 0.44
HSL	143°, 56%, 36%
HSV	143°, 72%, 56%
XYZ	12.3729, 21.0120, 11.1882
YIQ	106.0210, -41.1650, -41.4290

Conversions

Conversions Part 2

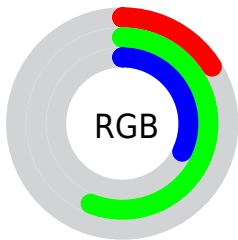
Format	Color
R_{YB}	41, 115, 144
Decimal	2723921
CIE _{Lab}	52.96, -43.85, 25.22
CIE _{LCh}	53, 50.586, 150.089
Yxy	21.0120, 0.2776, 0.4714
Android (android.graphics.Color)	4280914001 (0xFF299051)
YUV	106.0210, -12.3354, -57.0234
Hunter-Lab	45.8389, -32.0370, 17.6159

Details

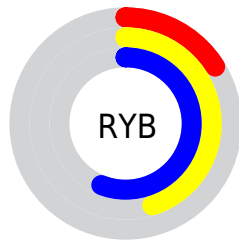
The Hex color **299051** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902968**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65C783**, and **005C23** is the 20% darker color. If you saturate the color by 10%, you get **1B9048**, and if you desaturate by 10%, it is **37905A**.

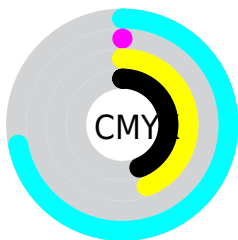
Distribution



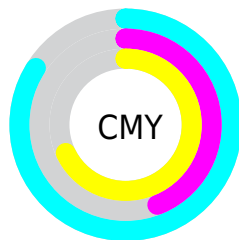
- Red (16%)
- Green (56%)
- Blue (32%)



- Red (16%)
- Yellow (45%)
- Blue (56%)



- Cyan (72%)
- Magenta (0%)
- Yellow (44%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299051 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 299051 by changing the saturation by 10% instead.

 299051

 299051

FFFFFF

 007639

 65C783

 005C23

 81E39D

 00440C

 9DFFB9

 002D00

 B9FFD4

 001200

 D6FFF1

 000000

 F4FFFF

 299051

 299051

 1B9048

 37905A

■ 0C903F

■ 469063

■ 009038

■ 54906B

■ 639074

■ 71907D

■ 7F9086

■ 8E908F

■ 9C9097

■ AB90A0

Harmonies

Analogous

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



6A892D



299051



00937D

Triad

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



299051



0083D5



CB5C55

Complementary

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



299051



902968

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.



CB5680



299051



7F73CA

Square

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



299051



008EC9



B361AB



B76C32

Rectangle

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



299051



00939B



B361AB



CE5863

Sweetspot

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



299051



93BAA2



699029



475E50



DEDEDE



5E5E5E

Same Dimension

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



299051



1ABA58



299084



404743



008734



000803

Inverse Universe

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



902968



BA1A7C



902935



474045



870053



080005

Previews

White Background



This preview shows how the Hex color 299051 looks on a white background.

Color Contrast Check

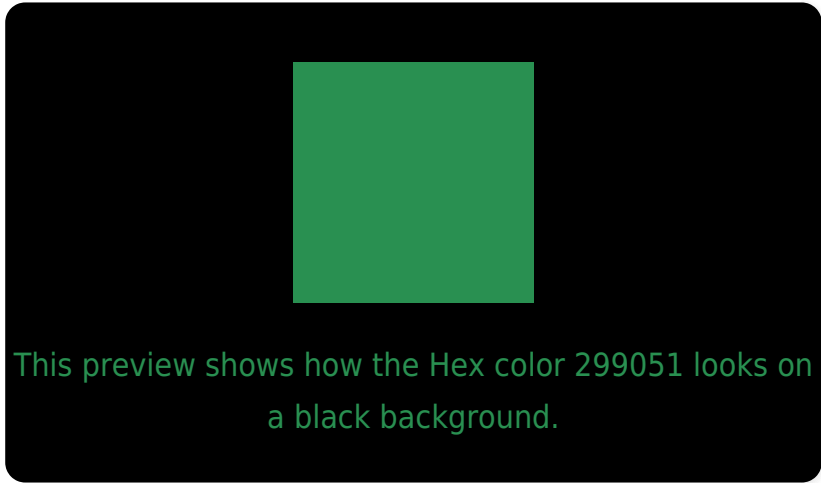
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 299051 Background



This preview shows how black text looks on a background with the Hex color 299051.



This preview shows how white text looks on a background with the Hex color 299051.

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](#).

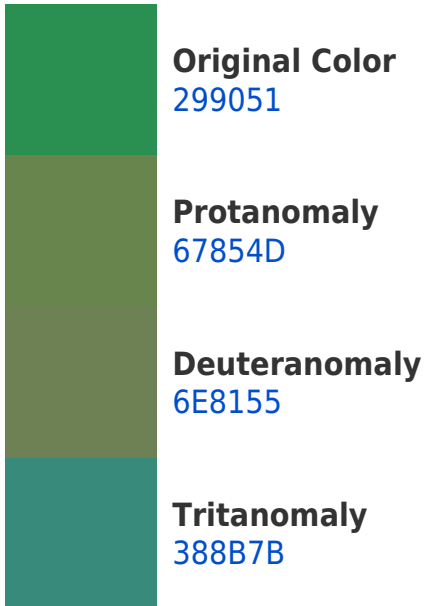
Dichromacy



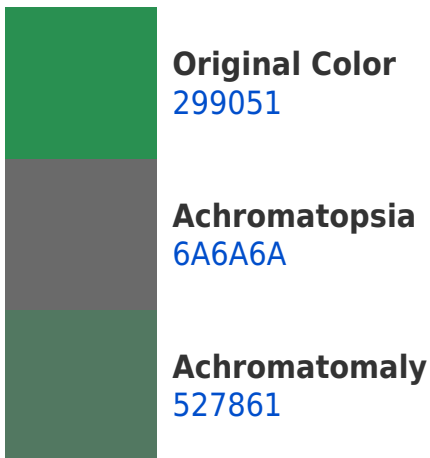


Tritanopia
418893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 299051 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 #299051 looks like.

```
.text, #text, p{  
    color:#299051  
}
```

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 #299051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299051
}
```

Border

The CSS property to change the border of an element to Hex 299051 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
#299051 }
```

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

```
.border{ border-color:#299051 }
```

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

Here you see how a box with a 4 pixel #299051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299051; -webkit-box-shadow:4px 4px  
4px 4px #299051; box-shadow:4px 4px 4px  
4px #299051 }
```

Background

The CSS property to change the background color of an element to Hex 299051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299051 }
```

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

```
.background{ background-color:#299051 }
```

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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