

Converting Colors

Hex(299023)

Have a look what the booklet for
Hex(299023) contains.

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Color

Hex(299023)

Conversions

Conversions Part 1

Format	Color
Hex	299023
RGB	41, 144, 35
RGB Percent	16%, 56%, 14%
CMY	0.8392, 0.4353, 0.8627
CMYK	0.72, 0.00, 0.76, 0.44
HSL	117°, 61%, 35%
HSV	117°, 76%, 56%
XYZ	11.1911, 20.5393, 4.9648
YIQ	100.7770, -26.3990, -55.7350

Conversions

Conversions Part 2

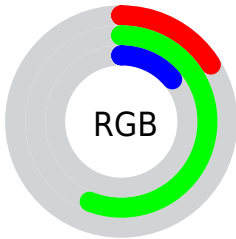
Format	Color
R_{YB}	35, 144, 138
Decimal	2723875
CIE _{Lab}	52.44, -49.94, 46.55
CIE _{LCh}	52, 68.273, 137.012
Yxy	20.5393, 0.3050, 0.5597
Android (android.graphics.Color)	4280913955 (0xFF299023)
YUV	100.7770, -32.4281, -52.4244
Hunter-Lab	45.3203, -35.2329, 25.2291

Details

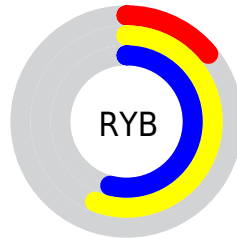
The Hex color **299023** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A2390**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **66C757**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **1B9015**, and if you desaturate by 10%, it is **379031**.

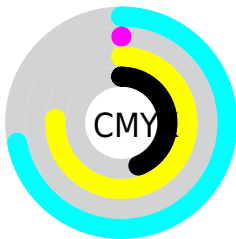
Distribution



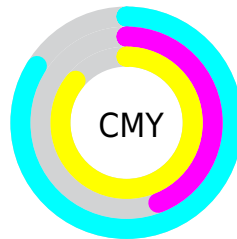
- Red (16%)
- Green (56%)
- Blue (14%)



- Red (14%)
- Yellow (56%)
- Blue (54%)



- Cyan (72%)
- Magenta (0%)
- Yellow (76%)
- Black (44%)



- Cyan (84%)
- Magenta (44%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 299023 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 299023 by changing the saturation by 10% instead.

 299023

 299023

FFFFFF

 007601

 66C757

 005C00

 83E371

 004300

 A0FF8C

 002D00

 BCFFA7

 001000

 DAFFC3

 000000

 F7FFE0

 FFFFFD

 299023

 299023

■ 1B9015

■ 379031

■ 0E9006

■ 449040

■ 089000

■ 52904E

■ 5F905D

■ 6D906B

■ 7B9079

■ 889088

■ 969096

■ A390A5

Harmonies

Analogous

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



788500



299023



009661

Triad

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



299023



008BF0



E43D5F

Complementary

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



299023



8A2390

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.



D84099



299023



3679EE

Square

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



299023



0095D2



A85CCE



D25627

Rectangle

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



299023



00978A



A85CCE



E33972

Sweetspot

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



299023



92BA8F



908923



455E44



DEDEDE



5E5E5E

Same Dimension

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



299023



1ABA11



239052



414740



078700



000800

Inverse Universe

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



8A2390



B111BA



902361



474047



800087



070008

Previews

White Background



This preview shows how the Hex color 299023 looks on a white background.

Color Contrast Check

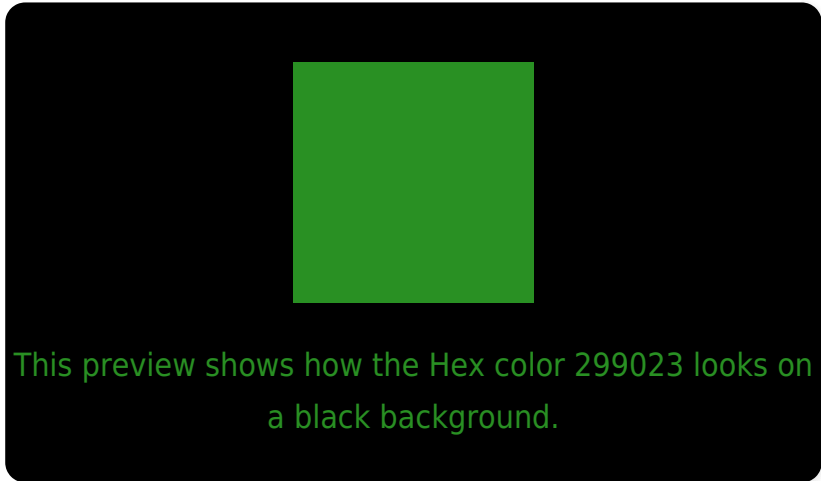
Large Text (above 18pt) WCAG AA ✓ Pass

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

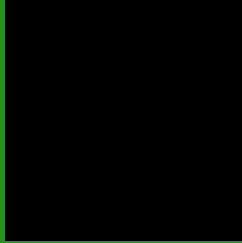
Any Text WCAG AA ✓ Pass

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 299023 Background



This preview shows how black text looks on a background with the Hex color 299023.



This preview shows how white text looks on a background with the Hex color 299023.

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
299023

Protanopia
8C7D1E

Deuteranopia
9B762E



Tritanopia
468691

Trichromacy



Original Color
299023



Protanomaly
688420



Deuteranomaly
727F2A



Tritanomaly
3B8A69

Monochromacy



Original Color
299023



Achromatopsia
656565



Achromatomaly
4F754D

CSS Examples

Text

The CSS property to change the color of the text to Hex 299023 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 #299023 looks like.

```
.text, #text, p{  
    color:#299023  
}
```

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 #299023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #299023
}
```

Border

The CSS property to change the border of an element to Hex 299023 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
#299023 }
```

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

```
.border{ border-color:#299023 }
```

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

Here you see how a box with a 4 pixel #299023 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #299023; -webkit-box-shadow:4px 4px  
4px 4px #299023; box-shadow:4px 4px 4px  
4px #299023 }
```

Background

The CSS property to change the background color of an element to Hex 299023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#299023 }
```

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

```
.background{ background-color:#299023 }
```

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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