

Converting Colors

Decimal(2899219)

Have a look what the booklet for
Decimal(2899219) contains.

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Color

Decimal(2899219)

Conversions

Conversions Part 1

Format	Color
Hex	2C3D13
RGB	44, 61, 19
RGB Percent	17%, 24%, 7%
CMY	0.8275, 0.7608, 0.9255
CMYK	0.28, 0.00, 0.69, 0.76
HSL	84°, 53%, 16%
HSV	84°, 69%, 24%
XYZ	2.8250, 3.9200, 1.2238
YIQ	51.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

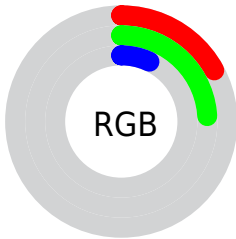
Format	Color
R_{YB}	19, 61, 36
Decimal	2899219
CIE Lab	23.41, -14.97, 23.14
CIE LCh	23, 27.559, 122.900
Yxy	3.9200, 0.3545, 0.4919
Android (android.graphics.Color)	4281089299 (0xFF2C3D13)
YUV	51.1290, -15.8396, -6.2521
Hunter-Lab	19.7989, -9.1790, 10.1944

Details

The Decimal color **2899219** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2364221**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **5991743**, and **5120** is the 20% darker color. If you saturate the color by 10%, you get **2768141**, and if you desaturate by 10%, it is **3030297**.

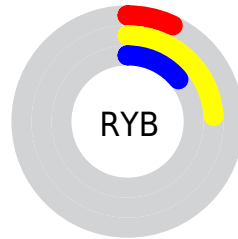
Distribution



Red (17%)

Green (24%)

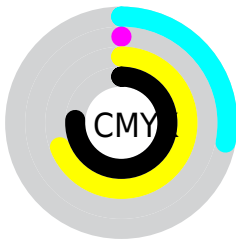
Blue (7%)



Red (7%)

Yellow (24%)

Blue (14%)

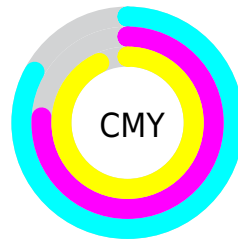


Cyan (28%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2899219 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 Decimal color 2899219 by changing the saturation by 10% instead.

 2899219

 2899219

 16777208

 1582848


 5991743

 5120

 7636567

 0

 9347184

 11123593

 12900260

 14742463

 16646107

 2899219

 2899219

■ 2768141

■ 3030297

■ 2571527

■ 3226911

■ 2440449

■ 3357989

■ 2374912

■ 3554603

■ 3685681

■ 3882296

■ 4013374

■ 4209988

■ 4341066

Harmonies

Analogous

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



4273931



2899219



802852

Triad

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



2899219



16220



6104375

Complementary

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



2899219



2364221

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.



5384523



2899219



932193

Square

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



2899219



16718



3879258



6039587

Rectangle

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



2899219



16946



3879258



5973566

Sweetspot

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



2899219



4738878



4006931



2435359



11053224



2697513

Same Dimension

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



2899219



3428109



1522963



1908508



3694080



8707584

Inverse Universe

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



2364221



2624847



3740477



1907743



2490462



5898462

Previews

White Background



This preview shows how the Decimal color 2899219 looks on a white background.

Color Contrast Check

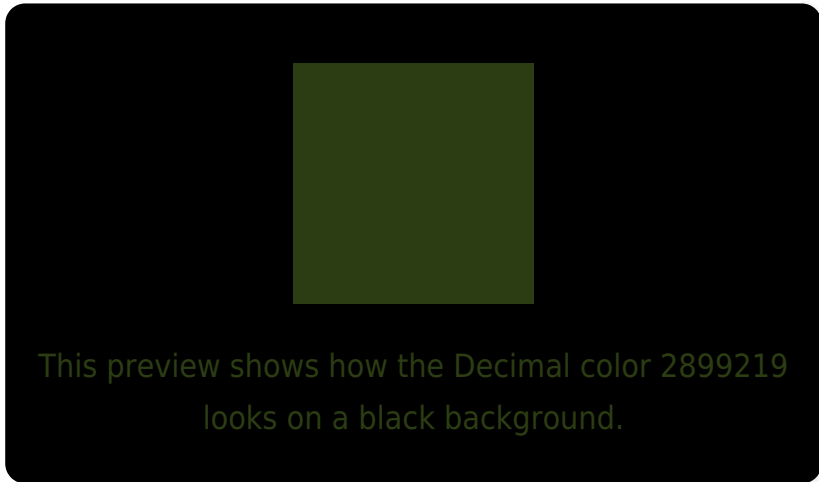
Large Text (above 18pt) WCAG AA ✓ Pass

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

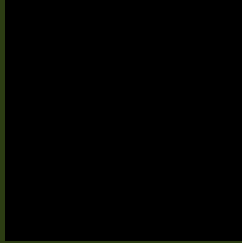
Any Text WCAG AA × Fail

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](#).

Decimal 2899219 Background



This preview shows how black text looks on a background with the Decimal color 2899219.



This preview shows how white text looks on a background with the Decimal color 2899219.

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](#).

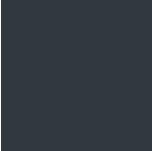
Dichromacy



Original Color
2899219

Protanopia
4077586

Deuteranopia
4535574



Tritanopia
3225918

Trichromacy



Original Color
2899219

Protanomaly
3619346

Deuteranomaly
3946517

Tritanomaly
3095086

Monochromacy



Original Color
2899219

Achromatopsia
3355443

Achromatomaly
3159847

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2899219 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 #2C3D13 looks like.

```
.text, #text, p{  
    color:#2C3D13  
}
```

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 #2C3D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3D13
}
```

Border

The CSS property to change the border of an element to Decimal 2899219 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".

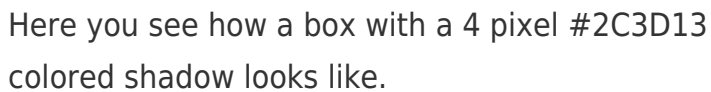
```
.border, #border, table{ border:4px solid
#2C3D13 }
```

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

```
.border{ border-color:#2C3D13 }
```

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

Here you see how a box with a 4 pixel #2C3D13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3D13; -webkit-box-shadow:4px 4px  
4px 4px #2C3D13; box-shadow:4px 4px 4px  
4px #2C3D13 }
```

Background

The CSS property to change the background color of an element to Decimal 2899219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3D13 }
```

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

```
.background{ background-color:#2C3D13 }
```

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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