

Converting Colors

Decimal(3019433)

Have a look what the booklet for
Decimal(3019433) contains.

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Color

Decimal(3019433)

Conversions

Conversions Part 1

Format	Color
Hex	2E12A9
RGB	46, 18, 169
RGB Percent	18%, 7%, 66%
CMY	0.8196, 0.9294, 0.3373
CMYK	0.73, 0.89, 0.00, 0.34
HSL	251°, 81%, 37%
HSV	251°, 89%, 66%
XYZ	8.5045, 3.8780, 37.8364
YIQ	43.5860, -31.7830, 52.8970

Conversions

Conversions Part 2

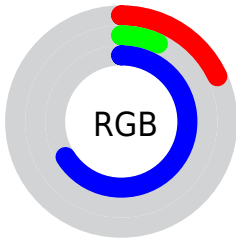
Format	Color
RYB	46, 18, 169
Decimal	3019433
CIELab	23.26, 54.39, -72.91
CIElCh	23, 90.966, 306.723
Yxy	3.8780, 0.1693, 0.0772
Android (android.graphics.Color)	4281209513 (0xFF2E12A9)
YUV	43.5860, 61.8291, 2.1171
Hunter-Lab	19.6927, 42.6244, -100.1314




Details

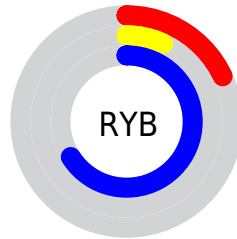
The Decimal color **3019433** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9283858**, and the grayscale version is **2829099**.




A 20% lighter version of the original color is **7423714**, and **115** is the 20% darker color. If you saturate the color by 10%, you get **2097577**, and if you desaturate by 10%, it is **3941289**.

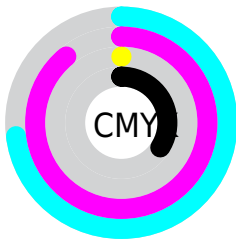
Distribution







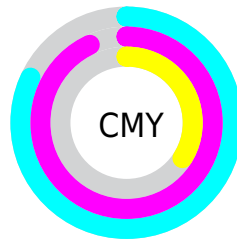
-  Red (18%)
-  Green (7%)
-  Blue (66%)






-  Red (18%)
-  Yellow (7%)
-  Blue (66%)



-  Cyan (73%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (34%)



-  Cyan (82%)
-  Magenta (93%)
-  Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3019433 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 3019433 by changing the saturation by 10% instead.

■ 3019433

■ 3019433

16777215

■ 142

■ 7423714

■ 115

■ 9396223

■ 90

■ 11368959

■ 1857

■ 13341951

■ 810

■ 15314943

■ 276

■ 16763903

■ 0

■ 16771327

■ 3019433

■ 3019433

■ 2097577

■ 3941289

■ 2031785

■ 4863145

■ 5719465

■ 6641321

■ 7562921

■ 8484777

■ 9341097

■ 10262953

■ 11184809

Harmonies

Analogous

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



16838



3019433



9175151

Triad

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



3019433



7149568



19526

Complementary

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



3019433



9283858

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.



18944



3019433



3619584

Square

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



3019433



9633792



17920



20106

Rectangle

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



3019433



10420290



17920



19502

Sweetspot

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



3019433



11247835



1215913



5327726



15592941



7237230

Same Dimension

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



3019433



2687195



7934633



5065812



1769620



262164

Inverse Universe

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



11080333



14352563



4368658



5524563



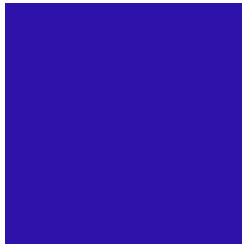
9699448



1310737

Previews

White Background



This preview shows how the Decimal color 3019433 looks on a white background.

Color Contrast Check

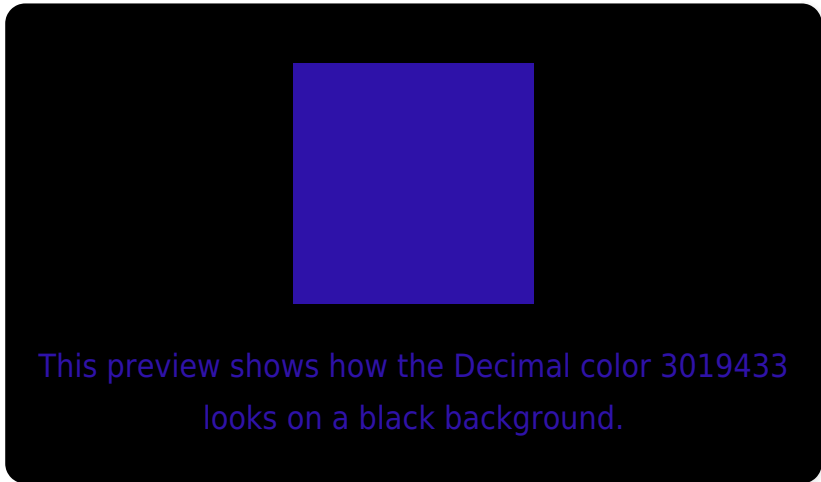
Large Text (above 18pt) WCAG AA ✓ Pass

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

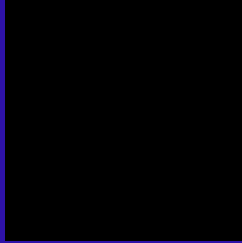
Any Text WCAG AA × Fail

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 3019433 Background



This preview shows how black text looks on a background with the Decimal color 3019433.



This preview shows how white text looks on a background with the Decimal color 3019433.

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
3019433

Protanopia
14195

Deuteranopia
14945



Tritanopia
16194

Trichromacy



Original Color
3019433

Protanomaly
1124999

Deuteranomaly
1125243

Tritanomaly
1126247

Monochromacy



Original Color
3019433

Achromatopsia
2894892

Achromatomaly
2958169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3019433 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 #2E12A9 looks like.

```
.text, #text, p{  
    color:#2E12A9  
}
```

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 #2E12A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E12A9
}
```

Border

The CSS property to change the border of an element to Decimal 3019433 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
#2E12A9 }
```

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

```
.border{ border-color:#2E12A9 }
```

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

Here you see how a box with a 4 pixel #2E12A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E12A9; -webkit-box-shadow:4px 4px  
4px 4px #2E12A9; box-shadow:4px 4px 4px  
4px #2E12A9 }
```

Background

The CSS property to change the background color of an element to Decimal 3019433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E12A9 }
```

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

```
.background{ background-color:#2E12A9 }
```

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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