

Converting Colors

Decimal(5319057)

Have a look what the booklet for
Decimal(5319057) contains.

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Color

Decimal(5319057)

Conversions

Conversions Part 1

Format	Color
Hex	512991
RGB	81, 41, 145
RGB Percent	32%, 16%, 57%
CMY	0.6824, 0.8392, 0.4314
CMYK	0.44, 0.72, 0.00, 0.43
HSL	263°, 56%, 36%
HSV	263°, 72%, 57%
XYZ	9.2971, 5.3795, 27.3364
YIQ	64.8160, -9.5440, 40.8240

Conversions

Conversions Part 2

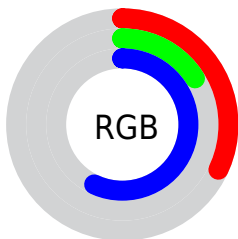
Format	Color
R_{YB}	81, 41, 145
Decimal	5319057
CIE _{Lab}	27.79, 41.63, -50.67
CIE _{LCh}	28, 65.578, 309.405
Yxy	5.3795, 0.2213, 0.1280
Android (android.graphics.Color)	4283509137 (0xFF512991)
YUV	64.8160, 39.5307, 14.1934
Hunter-Lab	23.1938, 30.9615, -53.6439

Details

The Decimal color **5319057** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6918441**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **8936136**, and **1441885** is the 20% darker color. If you saturate the color by 10%, you get **4725649**, and if you desaturate by 10%, it is **5912721**.

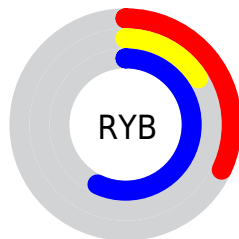
Distribution



Red (32%)

Green (16%)

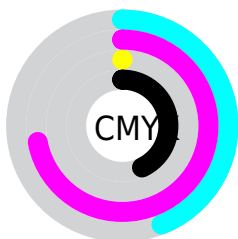
Blue (57%)



Red (32%)

Yellow (16%)

Blue (57%)

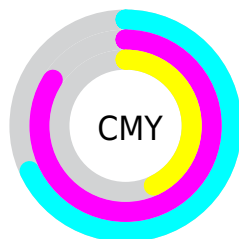


Cyan (44%)

Magenta (72%)

Yellow (0%)

Black (43%)



Cyan (68%)

Magenta (84%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5319057 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 5319057 by changing the saturation by 10% instead.

■ 5319057

■ 5319057

16777215

■ 3477623

■ 8936136

■ 1441885

■ 10777572

■ 69

■ 12619263

■ 814

■ 14526719

■ 280

■ 16434431

■ 0

■ 16769279

■ 16776703

■ 5319057

■ 5319057

■ 4725649

■ 5912721

■ 4131985

■ 6506129

■ 3670161

■ 7099793

■ 7693201

■ 8286865

■ 8880273

■ 9408401

■ 10001809

■ 10595217

Harmonies

Analogous

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



17575



5319057



8781926

Triad

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



5319057



7155968



21841

Complementary

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



5319057



6918441

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.



21274



5319057



4408576

Square

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



5319057



9043968



20224



21889

Rectangle

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



5319057



9633861



20224



21567

Sweetspot

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



5319057



10720189



2714001



5195358



14606046



6184542

Same Dimension

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



5319057



5839549



8726929



4407367



3408007



196616

Inverse Universe

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



9513321



12393086



3510569



4669509



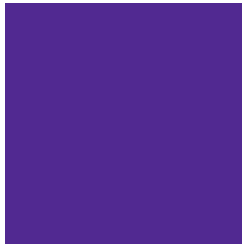
8847443



524293

Previews

White Background



This preview shows how the Decimal color 5319057 looks on a white background.

Color Contrast Check

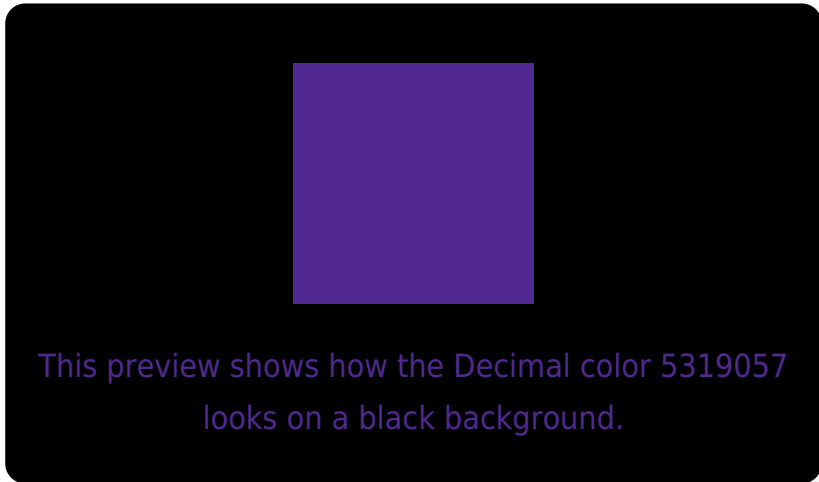
Large Text (above 18pt) WCAG AA ✓ Pass

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

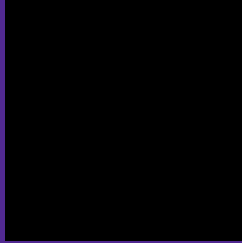
Any Text WCAG AA × Fail

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 5319057 Background



This preview shows how black text looks on a background with the Decimal color 5319057.



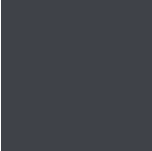
This preview shows how white text looks on a background with the Decimal color 5319057.

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
4145736

Trichromacy



Original Color
5319057



Protanomaly
1915019



Deuteranomaly
1915519



Tritanomaly
4602211

Monochromacy



Original Color
5319057



Achromatopsia
4276545



Achromatomaly
4667486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5319057 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 #512991 looks like.

```
.text, #text, p{  
  color:#512991  
}
```

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 #512991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512991
}
```

Border

The CSS property to change the border of an element to Decimal 5319057 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
#512991 }
```

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

```
.border{ border-color:#512991 }
```

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

Here you see how a box with a 4 pixel #512991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512991; -webkit-box-shadow:4px 4px  
4px 4px #512991; box-shadow:4px 4px 4px  
4px #512991 }
```

Background

The CSS property to change the background color of an element to Decimal 5319057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512991 }
```

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

```
.background{ background-color:#512991 }
```

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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