

Converting Colors

Decimal(3829727)

Have a look what the booklet for
Decimal(3829727) contains.

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Color

Decimal(3829727)

Conversions

Conversions Part 1

Format	Color
Hex	3A6FDF
RGB	58, 111, 223
RGB Percent	23%, 44%, 87%
CMY	0.7725, 0.5647, 0.1255
CMYK	0.74, 0.50, 0.00, 0.13
HSL	221°, 72%, 55%
HSV	221°, 74%, 87%
XYZ	20.7486, 17.5961, 72.1149
YIQ	107.9210, -67.5400, 23.5960

Conversions

Conversions Part 2

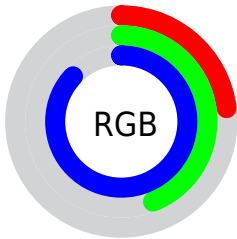
Format	Color
R_{YB}	58, 98, 223
Decimal	3829727
CIE _{Lab}	49.00, 20.88, -62.26
CIE _{LCh}	49, 65.669, 288.537
Yxy	17.5961, 0.1878, 0.1593
Android (android.graphics.Color)	4282019807 (0xFF3A6FDF)
YUV	107.9210, 56.7339, -43.7807
Hunter-Lab	41.9477, 14.8830, -72.5655

Details

The Decimal color **3829727** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **14658106**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8299263**, and **16551** is the 20% darker color. If you saturate the color by 10%, you get **2384095**, and if you desaturate by 10%, it is **5275359**.

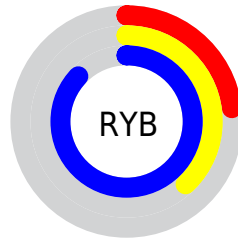
Distribution



Red (23%)

Green (44%)

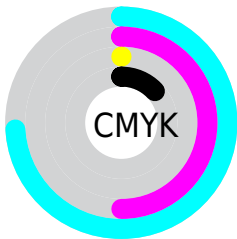
Blue (87%)



Red (23%)

Yellow (38%)

Blue (87%)

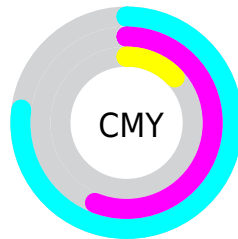


Cyan (74%)

Magenta (50%)

Yellow (0%)

Black (13%)



Cyan (77%)

Magenta (56%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3829727 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 3829727 by changing the saturation by 10% instead.

■ 3829727

■ 3829727

16777215

■ 22467

■ 8299263

■ 16551

■ 10337791

■ 11148

■ 12311039

■ 6514

■ 14349823

■ 88

■ 16318463

■ 1856

■ 809

■ 275

■ 0

■ 3829727

■ 3829727

■ 2384095

■ 5275359

■ 872927

■ 6786527

■ 18655

■ 8232159

■ 9678047

■ 11123679

■ 12634847

■ 14080479

■ 15526111

■ 16775135

Harmonies

Analogous

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



33250



3829727



10572991

Triad

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



3829727



12800288



35932

Complementary

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



3829727



14658106

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.



1804066



3829727



10381824

Square

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



3829727



13973333



7109632



36246

Rectangle

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



3829727



12730526



7109632



35657

Sweetspot

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



3829727



13097471



3858344



6187392



0



8421504

Same Dimension

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



3829727



1861119



5585631



6646128



14768



4144

Inverse Universe

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



14629487



16718949



12836666



7365993



11534393



3145744

Previews

White Background



This preview shows how the Decimal color 3829727 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 × Fail

Black Background



This preview shows how the Decimal color 3829727 looks on a 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](#).

Decimal 3829727 Background



This preview shows how black text looks on a background with the Decimal color 3829727.



This preview shows how white text looks on a background with the Decimal color 3829727.

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



Trichromacy



Original Color

3829727

Protanomaly

3502304

Deuteranomaly

1405909

Monochromacy



Original Color

3829727

Achromatopsia

7105644

Achromatomaly

5926294

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3829727 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 #3A6FDF looks like.

```
.text, #text, p{  
    color:#3A6FDF  
}
```

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 #3A6FDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6FDF
}
```

Border

The CSS property to change the border of an element to Decimal 3829727 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
#3A6FDF }
```

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

```
.border{ border-color:#3A6FDF }
```

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

Here you see how a box with a 4 pixel #3A6FDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6FDF; -webkit-box-shadow:4px 4px  
4px 4px #3A6FDF; box-shadow:4px 4px 4px  
4px #3A6FDF }
```

Background

The CSS property to change the background color of an element to Decimal 3829727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6FDF }
```

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

```
.background{ background-color:#3A6FDF }
```

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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