

Converting Colors

Decimal(4136426)

Have a look what the booklet for
Decimal(4136426) contains.

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Color

Decimal(4136426)

Conversions

Conversions Part 1

Format	Color
Hex	3F1DEA
RGB	63, 29, 234
RGB Percent	25%, 11%, 92%
CMY	0.7529, 0.8863, 0.0824
CMYK	0.73, 0.88, 0.00, 0.08
HSL	250°, 83%, 52%
HSV	250°, 88%, 92%
XYZ	17.3405, 7.8760, 78.4482
YIQ	62.5360, -45.5410, 70.9630

Conversions

Conversions Part 2

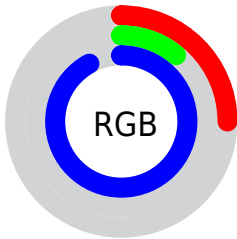
Format	Color
R _Y B	63, 29, 234
Decimal	4136426
CIE Lab	33.72, 69.26, -93.57
CIE LCh	34, 116.410, 306.509
Yxy	7.8760, 0.1673, 0.0760
Android (android.graphics.Color)	4282326506 (0xFF3F1DEA)
YUV	62.5360, 84.5318, 0.4069
Hunter-Lab	28.0642, 61.1806, -146.0889

Details

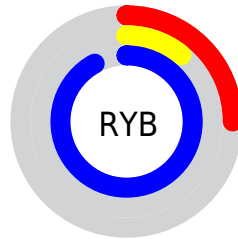
The Decimal color **4136426** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **13167133**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **9000447**, and **176** is the 20% darker color. If you saturate the color by 10%, you get **2819818**, and if you desaturate by 10%, it is **5453034**.

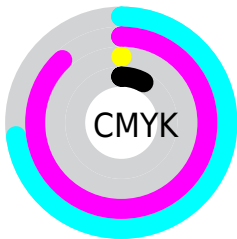
Distribution



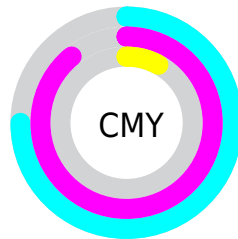
- Red (25%)
- Green (11%)
- Blue (92%)



- Red (25%)
- Yellow (11%)
- Blue (92%)



- Cyan (73%)
- Magenta (88%)
- Yellow (0%)
- Black (8%)






















- Cyan (75%)
- Magenta (89%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4136426 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 4136426 by changing the saturation by 10% instead.

 4136426	 4136426
 16777215	 205
 9000447	 176
 11104255	 149
 13208319	 122
 15312639	 3680
 16761599	 2119
 16769023	 1071
 16776447	 282
	 0

■ 4136426

■ 4136426

■ 2819818

■ 5453034

■ 2556138

■ 6704362

■ 8020970

■ 9272298

■ 10588906

■ 11839978

■ 13156842

■ 14407914

■ 15724778

Harmonies

Analogous

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



23807



4136426



12714139

Triad

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



4136426



9970432



27491

Complementary

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



4136426



13167133

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.



26624



4136426



5264384

Square

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



4136426



13303808



25344



28351

Rectangle

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



4136426



14418015



25344



27202

Sweetspot

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



4136426



13155839



1952746



6248576



0



8421504

Same Dimension

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



4136426



2752767



10624490



7105141



1966261



589878

Inverse Universe

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



15343048



16711893



6679069



7694963



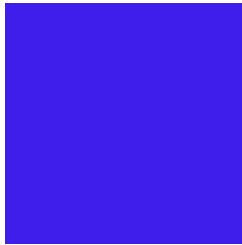
11862167



3538989

Previews

White Background



This preview shows how the Decimal color 4136426 looks on a white background.

Color Contrast Check

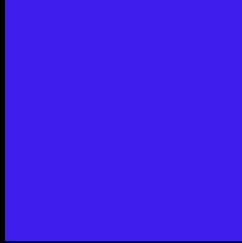
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4136426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

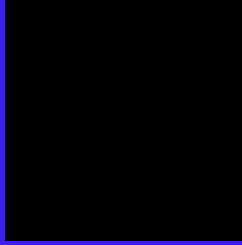
Any Text WCAG AA × Fail

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 4136426 Background



This preview shows how black text looks on a background with the Decimal color 4136426.

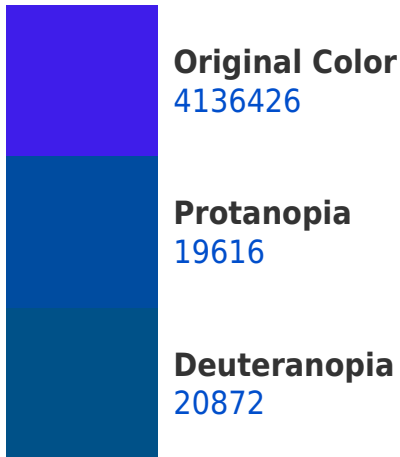


This preview shows how white text looks on a background with the Decimal color 4136426.

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
4136426

Protanomaly
1522619

Deuteranomaly
1523372

Tritanomaly
1524624

Monochromacy



Original Color
4136426

Achromatopsia
4144959

Achromatomaly
4141949

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4136426 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 #3F1DEA looks like.

```
.text, #text, p{  
    color:#3F1DEA  
}
```

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 #3F1DEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1DEA
}
```

Border

The CSS property to change the border of an element to Decimal 4136426 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
#3F1DEA }
```

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

```
.border{ border-color:#3F1DEA }
```

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

Here you see how a box with a 4 pixel #3F1DEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1DEA; -webkit-box-shadow:4px 4px  
4px 4px #3F1DEA; box-shadow:4px 4px 4px  
4px #3F1DEA }
```

Background

The CSS property to change the background color of an element to Decimal 4136426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1DEA }
```

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

```
.background{ background-color:#3F1DEA }
```

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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