

Converting Colors

Decimal(4133811)

Have a look what the booklet for
Decimal(4133811) contains.

Decimal(4133811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4133811)

Conversions

Conversions Part 1

Format	Color
Hex	3F13B3
RGB	63, 19, 179
RGB Percent	25%, 7%, 70%
CMY	0.7529, 0.9255, 0.2980
CMYK	0.65, 0.89, 0.00, 0.30
HSL	256°, 81%, 39%
HSV	256°, 89%, 70%
XYZ	10.4195, 4.7772, 43.0207
YIQ	50.3960, -25.1360, 59.0880

Conversions

Conversions Part 2

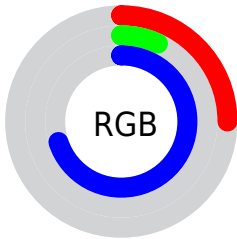
Format	Color
R_{YB}	63, 19, 179
Decimal	4133811
CIE _{Lab}	26.09, 57.87, -74.19
CIE _{LCh}	26, 94.093, 307.958
Yxy	4.7772, 0.1790, 0.0821
Android (android.graphics.Color)	4282323891 (0xFF3F13B3)
YUV	50.3960, 63.4018, 11.0537
Hunter-Lab	21.8568, 46.8444, -101.4010

Details

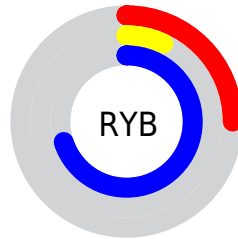
The Decimal color **4133811** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8893203**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **8276460**, and **125** is the 20% darker color. If you saturate the color by 10%, you get **3277235**, and if you desaturate by 10%, it is **4990387**.

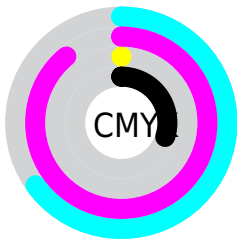
Distribution



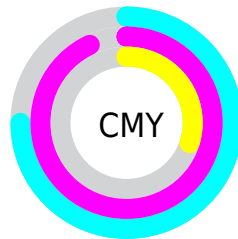
- Red (25%)
- Green (7%)
- Blue (70%)



- Red (25%)
- Yellow (7%)
- Blue (70%)



- Cyan (65%)
- Magenta (89%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4133811 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 4133811 by changing the saturation by 10% instead.



4133811



4133811

16777215



1179799



8276460



125



10249215



99



12222207



2378



14260735



1074



16233727



540



16765183



0



16772607



4133811



4133811

■ 3277235

■ 4990387

■ 3211443

■ 5846963

■ 6703539

■ 7560115

■ 8416435

■ 9273011

■ 10129587

■ 10986163

■ 11842739

Harmonies

Analogous

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



18131



4133811



10027125

Triad

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



4133811



7675904



21584

Complementary

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



4133811



8893203

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.



20992



4133811



3883520

Square

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



4133811



10289152



19968



22167

Rectangle

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



4133811



11272262



19968



21303

Sweetspot

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



4133811



12298728



1280179



5918837



16119285



7697781

Same Dimension

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



4133811



4194536



9311155



5460057



2752665



458778

Inverse Universe

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



11735943



15204520



3715859



5853271



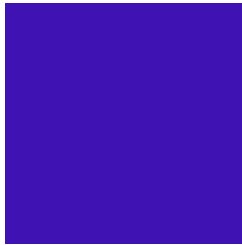
10027119



1703954

Previews

White Background



This preview shows how the Decimal color 4133811 looks on a white background.

Color Contrast Check

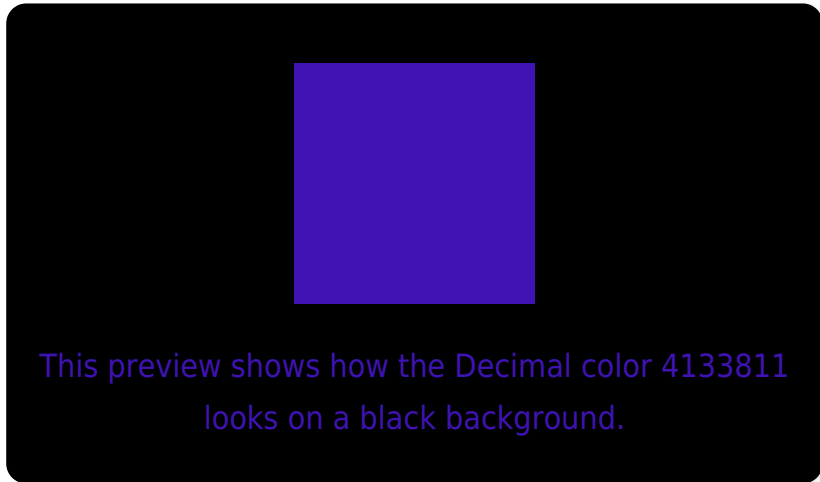
Large Text (above 18pt) WCAG AA ✓ Pass

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

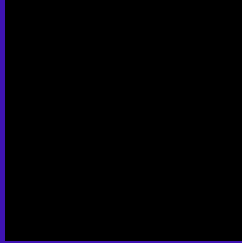
Any Text WCAG AA × Fail

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 4133811 Background



This preview shows how black text looks on a background with the Decimal color 4133811.



This preview shows how white text looks on a background with the Decimal color 4133811.

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
17994

Trichromacy



Original Color
4133811

Protanomaly
1519250

Deuteranomaly
1519750

Tritanomaly
1520496

Monochromacy



Original Color
4133811

Achromatopsia
3289650

Achromatomaly
3614561

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4133811 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 #3F13B3 looks like.

```
.text, #text, p{  
    color:#3F13B3  
}
```

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 #3F13B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F13B3
}
```

Border

The CSS property to change the border of an element to Decimal 4133811 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".

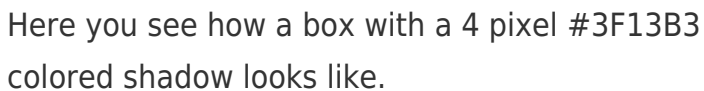
```
.border, #border, table{ border:4px solid
#3F13B3 }
```

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

```
.border{ border-color:#3F13B3 }
```

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

Here you see how a box with a 4 pixel #3F13B3 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F13B3; -webkit-box-shadow:4px 4px  
4px 4px #3F13B3; box-shadow:4px 4px 4px  
4px #3F13B3 }
```

Background

The CSS property to change the background color of an element to Decimal 4133811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F13B3 }
```

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

```
.background{ background-color:#3F13B3 }
```

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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