

Converting Colors

Decimal(2180845)

Have a look what the booklet for
Decimal(2180845) contains.

Decimal(2180845)	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(2180845)

Conversions

Conversions Part 1

Format	Color
Hex	2146ED
RGB	33, 70, 237
RGB Percent	13%, 27%, 93%
CMY	0.8706, 0.7255, 0.0706
CMYK	0.86, 0.70, 0.00, 0.07
HSL	229°, 85%, 53%
HSV	229°, 86%, 93%
XYZ	18.1034, 10.8181, 81.2547
YIQ	77.9750, -75.6590, 44.0930

Conversions

Conversions Part 2

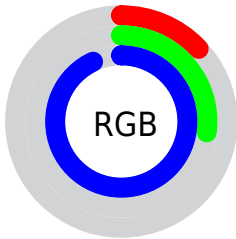
Format	Color
RYB	33, 64, 237
Decimal	2180845
CIELab	39.27, 49.44, -86.11
CIELCh	39, 99.294, 299.861
Yxy	10.8181, 0.1643, 0.0982
Android (android.graphics.Color)	4280370925 (0xFF2146ED)
YUV	77.9750, 78.3993, -39.4431
Hunter-Lab	32.8908, 40.6891, -123.4485

Details

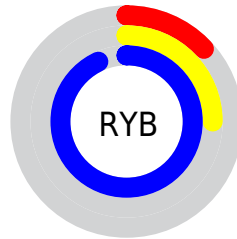
The Decimal color **2180845** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **15583265**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7829503**, and **6836** is the 20% darker color. If you saturate the color by 10%, you get **603117**, and if you desaturate by 10%, it is **3758573**.

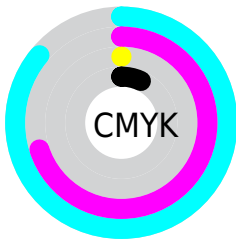
Distribution



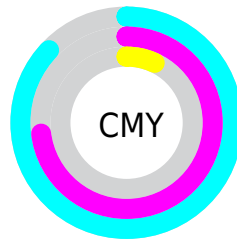
- Red (13%)
- Green (27%)
- Blue (93%)



- Red (13%)
- Yellow (25%)
- Blue (93%)



- Cyan (86%)
- Magenta (70%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (73%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2180845 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 2180845 by changing the saturation by 10% instead.

■ 2180845

■ 2180845

16777215

■ 12240

■ 7829503

■ 6836

■ 9998847

■ 2200

■ 12168447

■ 125

■ 14206975

■ 3427

■ 16311295

■ 2378

■ 1074

■ 540

■ 0

■ 2180845

■ 2180845

■ 603117

■ 3758573

■ 11245

■ 5271021

■ 6848749

■ 8426733

■ 9938925

■ 11516653

■ 13094637

■ 14672365

■ 16184813

Harmonies

Analogous

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



27391



2180845



11927728

Triad

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



2180845



11414784



30810

Complementary

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



2180845



15583265

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.



29952



2180845



7494144

Square

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



2180845



13959186



27904



31405

Rectangle

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



2180845



14024828



27904



30525

Sweetspot

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



2180845



12438015



2223560



5791616



0



8421504

Same Dimension

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



2180845



12031



6431213



6974581



8629



2614

Inverse Universe

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



15540550



16711726



11332897



7694956



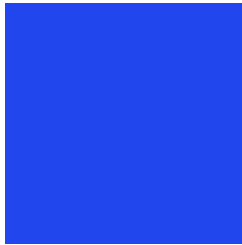
11862049



3538954

Previews

White Background



This preview shows how the Decimal color 2180845 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 2180845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

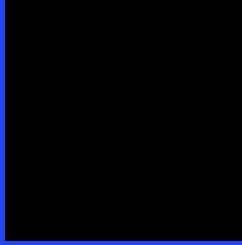
Any Text WCAG AA × Fail

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 2180845 Background



This preview shows how black text looks on a background with the Decimal color 2180845.



This preview shows how white text looks on a background with the Decimal color 2180845.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2180845 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 #2146ED looks like.

```
.text, #text, p{  
    color:#2146ED  
}
```

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 #2146ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2146ED
}
```

Border

The CSS property to change the border of an element to Decimal 2180845 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
#2146ED }
```

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

```
.border{ border-color:#2146ED }
```

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

Here you see how a box with a 4 pixel #2146ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2146ED; -webkit-box-shadow:4px 4px  
4px 4px #2146ED; box-shadow:4px 4px 4px  
4px #2146ED }
```

Background

The CSS property to change the background color of an element to Decimal 2180845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2146ED }
```

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

```
.background{ background-color:#2146ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor