

# Converting Colors

Decimal(2711295)

Have a look what the booklet for  
Decimal(2711295) contains.

<b>Decimal(2711295)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(2711295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	295EFF
RGB	41, 94, 255
RGB Percent	16%, 37%, 100%
CMY	0.8392, 0.6314, 0.0000
CMYK	0.84, 0.63, 0.00, 0.00
HSL	225°, 100%, 58%
HSV	225°, 84%, 100%
XYZ	22.9672, 15.6968, 96.4270
YIQ	96.5070, -83.2690, 38.8350

# Conversions

## Conversions Part 2

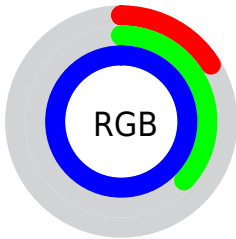
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 83, 255
Decimal	2711295
CIE Lab	46.57, 41.71, -84.18
CIE LCh	47, 93.945, 296.360
Yxy	15.6968, 0.1700, 0.1162
Android (android.graphics.Color)	4280901375 (0xFF295EFF)
YUV	96.5070, 78.1370, -48.6796
Hunter-Lab	39.6192, 34.1423, -116.5692

# Details

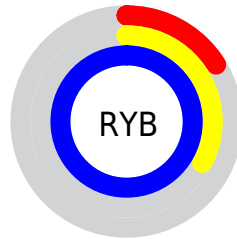
The Decimal color **2711295** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **16763433**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **8229119**, and **12741** is the 20% darker color. If you saturate the color by 10%, you get **1068031**, and if you desaturate by 10%, it is **4354559**.

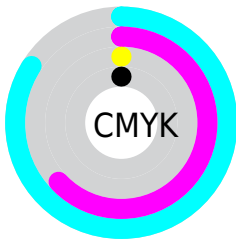
# Distribution



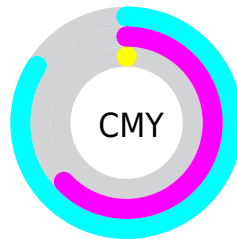
- Red (16%)
- Green (37%)
- Blue (100%)



- Red (16%)
- Yellow (33%)
- Blue (100%)



- Cyan (84%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)



- Cyan (84%)
- Magenta (63%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2711295 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 2711295 by changing the saturation by 10% instead.



■ 2711295

■ 2711295

16777215

■ 18402

■ 8229119

■ 12741

■ 10463999

■ 7849

■ 12568319

■ 3725

■ 14672639

■ 371

16776959

■ 3417

■ 1857

■ 810

■ 276

■ 2711295

■ 2711295

■ 1068031

■ 4354559

■ 16383

■ 6063359

■ 7772415

■ 9415679

■ 11124479

■ 12767743

■ 14476543

■ 16119807

16777215

# Harmonies

## Analogous

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



32255



2711295



12522951

# Triad

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



2711295



13123328



35938

# Complementary

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



2711295



16763433

# 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.



34560



2711295



9398528

# Square

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



2711295



15401007



4226560



36275

# Rectangle

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



2711295



14876822



4226560



35398



# Sweetspot

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



2711295



12570623



2752458



5858176



0



8421504



# Same Dimension

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



2711295



16383



6236671



7566976



12223



4160



# Inverse Universe

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



16722270



16711743



13303593



8418166



12517423



4194320



# Previews

## White Background



This preview shows how the Decimal color 2711295 looks on a white background.

## Color Contrast Check

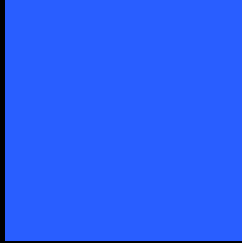
Large Text (above 18pt) WCAG AA ✓ Pass

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 2711295 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

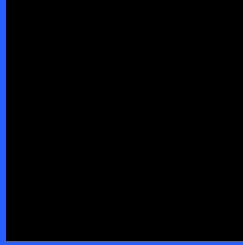
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2711295 Background



This preview shows how black text looks on a background with the Decimal color 2711295.



This preview shows how white text looks on a background with the Decimal color 2711295.

# 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**  
2711295

**Protanomaly**  
1009131

**Deuteranomaly**  
1010134

**Tritanomaly**  
1011631

# Monochromacy



**Original Color**  
2711295

**Achromatopsia**  
6381921

**Achromatomaly**  
5071002

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2711295 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 #295EFF looks like.

```
.text, #text, p{  
    color:#295EFF  
}
```

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 #295EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295EFF
}
```

## Border

The CSS property to change the border of an element to Decimal 2711295 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
#295EFF }
```

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

```
.border{ border-color:#295EFF }
```

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

Here you see how a box with a 4 pixel #295EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295EFF; -webkit-box-shadow:4px 4px  
4px 4px #295EFF; box-shadow:4px 4px 4px  
4px #295EFF }
```

# Background

The CSS property to change the background color of an element to Decimal 2711295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295EFF }
```

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

```
.background{ background-color:#295EFF }
```

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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