

Converting Colors

Decimal(799714)

Have a look what the booklet for
Decimal(799714) contains.

Decimal(799714)	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(799714)

Conversions

Conversions Part 1

Format	Color
Hex	0C33E2
RGB	12, 51, 226
RGB Percent	5%, 20%, 89%
CMY	0.9529, 0.8000, 0.1137
CMYK	0.95, 0.77, 0.00, 0.11
HSL	229°, 90%, 47%
HSV	229°, 95%, 89%
XYZ	15.0629, 7.9368, 72.6896
YIQ	59.2890, -79.4190, 46.1570

Conversions

Conversions Part 2

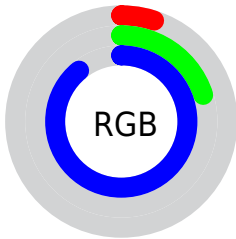
Format	Color
R _Y B	12, 45, 226
Decimal	799714
CIE Lab	33.85, 55.70, -88.85
CIE LCh	34, 104.865, 302.086
Yxy	7.9368, 0.1574, 0.0829
Android (android.graphics.Color)	4278989794 (0xFF0C33E2)
YUV	59.2890, 82.1885, -41.4725
Hunter-Lab	28.1723, 46.1371, -133.2580

Details

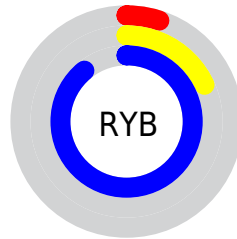
The Decimal color **799714** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **14859020**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **7365887**, and **1449** is the 20% darker color. If you saturate the color by 10%, you get **10722**, and if you desaturate by 10%, it is **2311650**.

Distribution



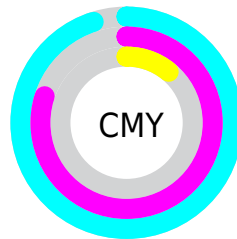
- Red (5%)
- Green (20%)
- Blue (89%)



- Red (5%)
- Yellow (18%)
- Blue (89%)



- Cyan (95%)
- Magenta (77%)
- Yellow (0%)
- Black (11%)





















- Cyan (95%)
- Magenta (80%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 799714 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 799714 by changing the saturation by 10% instead.

 799714	 799714
 16777215	 7365
 7365887	 1449
 9600511	 142
 11704575	 115
 13808639	 3417
 15912959	 1857
 16772095	 810
	 276
	 0

■ 799714

■ 799714

■ 10722

■ 2311650

■ 3758306

■ 5270242

■ 6716898

■ 8228834

■ 9741026

■ 11187426

■ 12699618

■ 14146018

Harmonies

Analogous

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



24317



799714



11468960

Triad

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



799714



10231552



27220

Complementary

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



799714



14859020

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.



26368



799714



6115328

Square

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



799714



12976128



24832



27816

Rectangle

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



799714



13434986



24832



26934

Sweetspot

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



799714



12109311



844475



5528704



0



8421504

Same Dimension

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



799714



12031



5246178



6645616



8368



2352

Inverse Universe

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



14814259



16711726



10412556



7365991



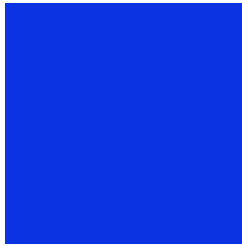
11534368



3145737

Previews

White Background



This preview shows how the Decimal color 799714 looks on a white background.

Color Contrast Check

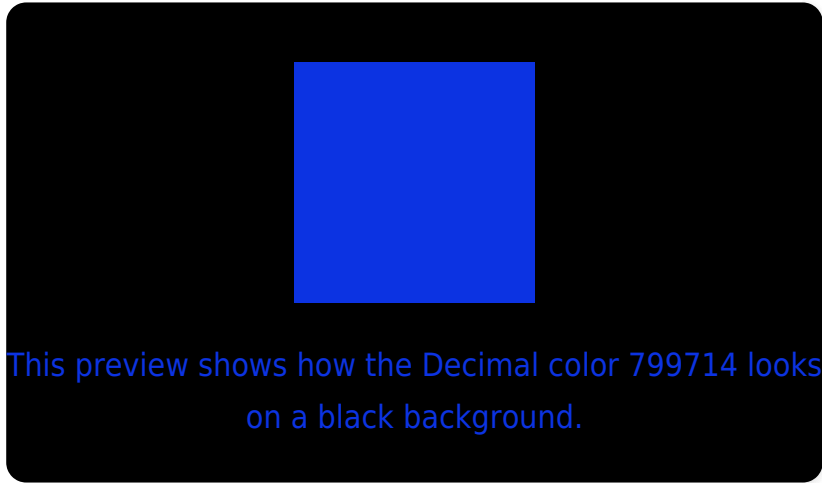
Large Text (above 18pt) WCAG AA ✓ Pass

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

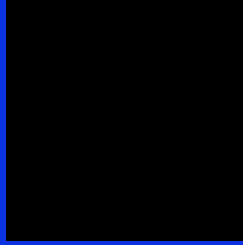
Any Text WCAG AA × Fail

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 799714 Background



This preview shows how black text looks on a background with the Decimal color 799714.

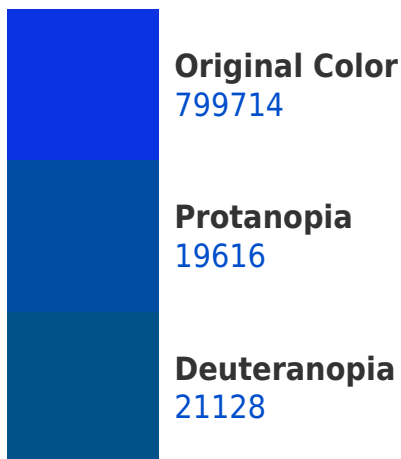


This preview shows how white text looks on a background with the Decimal color 799714.

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
799714

Protanomaly
279480

Deuteranomaly
280489

Tritanomaly
281485

Monochromacy



Original Color
799714

Achromatopsia
3881787

Achromatomaly
2766968

CSS Examples

Text

The CSS property to change the color of the text to Decimal 799714 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 #0C33E2 looks like.

```
.text, #text, p{  
    color:#0C33E2  
}
```

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 #0C33E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C33E2
}
```

Border

The CSS property to change the border of an element to Decimal 799714 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
#0C33E2 }
```

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

```
.border{ border-color:#0C33E2 }
```

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

Here you see how a box with a 4 pixel #0C33E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C33E2; -webkit-box-shadow:4px 4px  
4px 4px #0C33E2; box-shadow:4px 4px 4px  
4px #0C33E2 }
```

Background

The CSS property to change the background color of an element to Decimal 799714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C33E2 }
```

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

```
.background{ background-color:#0C33E2 }
```

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