

Converting Colors

Decimal(1793509)

Have a look what the booklet for
Decimal(1793509) contains.

Decimal(1793509)	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>	28

Color

Decimal(1793509)

Conversions

Conversions Part 1

Format	Color
Hex	1B5DE5
RGB	27, 93, 229
RGB Percent	11%, 36%, 90%
CMY	0.8941, 0.6353, 0.1020
CMYK	0.88, 0.59, 0.00, 0.10
HSL	220°, 80%, 50%
HSV	220°, 88%, 90%
XYZ	18.5092, 13.7189, 75.8012
YIQ	88.7700, -82.9920, 28.3040

Conversions

Conversions Part 2

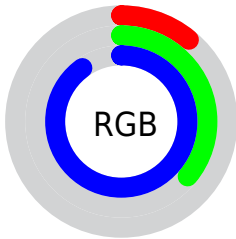
Format	Color
RYB	27, 77, 229
Decimal	1793509
CIELab	43.83, 31.94, -74.11
CIELCh	44, 80.696, 293.316
Yxy	13.7189, 0.1713, 0.1270
Android (android.graphics.Color)	4279983589 (0xFF1B5DE5)
YUV	88.7700, 69.1334, -54.1723
Hunter-Lab	37.0390, 24.3822, -95.4112

Details

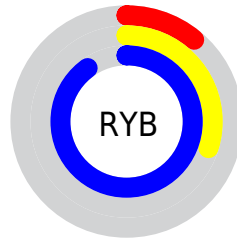
The Decimal color **1793509** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **15049499**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **7442431**, and **12716** is the 20% darker color. If you saturate the color by 10%, you get **282341**, and if you desaturate by 10%, it is **3304677**.

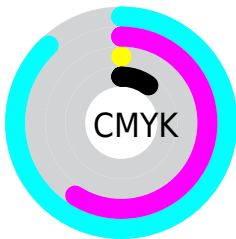
Distribution



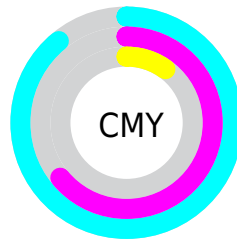
- Red (11%)
- Green (36%)
- Blue (90%)



- Red (11%)
- Yellow (30%)
- Blue (90%)



- Cyan (88%)
- Magenta (59%)
- Yellow (0%)
- Black (10%)

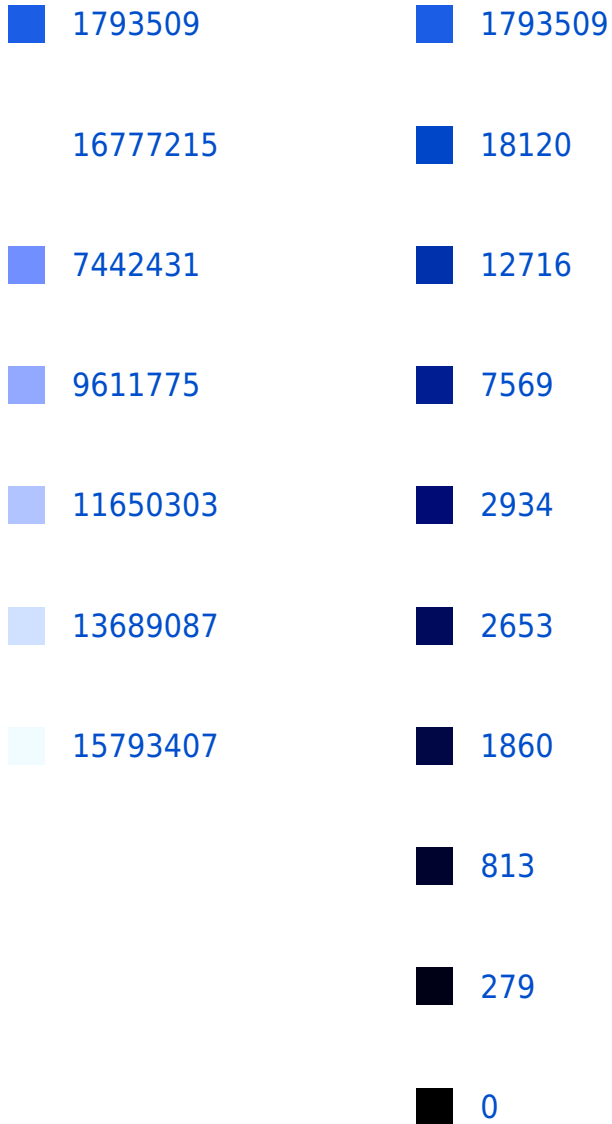


- Cyan (89%)
- Magenta (64%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1793509 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 1793509 by changing the saturation by 10% instead.



■ 1793509

■ 1793509

■ 282341

■ 3304677

■ 19429

■ 4816101

■ 6327269

■ 7838693

■ 9284325

■ 10795749

■ 12306917

■ 13818085

■ 15329509

Harmonies

Analogous

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



30191



1793509



10891449

Triad

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



1793509



12205312



33110

Complementary

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



1793509



15049499

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.



32000



1793509



9134080

Square

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



1793509



13959224



5010176



33691

Rectangle

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



1793509



13107344



5010176



32830

Sweetspot

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



1793509



12440319



1828258



5793152



0



8421504

Same Dimension

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



1793509



21503



4004837



6777715



15027



4403

Inverse Universe

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



15014749



16711763



12838171



7563115



11731002



3342353

Previews

White Background



This preview shows how the Decimal color 1793509 looks on a white background.

Color Contrast Check

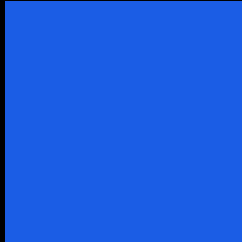
Large Text (above 18pt) WCAG AA ✓ Pass

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 1793509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

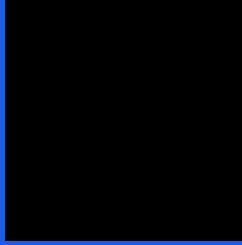
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

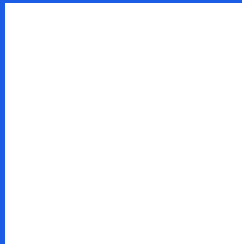
Any Text WCAG AAA × Fail

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

Decimal 1793509 Background



This preview shows how black text looks on a background with the Decimal color 1793509.

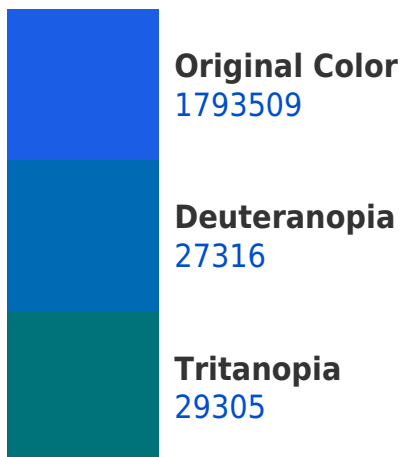


This preview shows how white text looks on a background with the Decimal color 1793509.

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
1793509

Deuteranomaly
681414

Tritanomaly
682656

Monochromacy



Original Color
1793509

Achromatopsia
585577

Achromatomaly
4348556

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1793509 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 #1B5DE5 looks like.

```
.text, #text, p{  
    color:#1B5DE5  
}
```

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 #1B5DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5DE5
}
```

Border

The CSS property to change the border of an element to Decimal 1793509 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
#1B5DE5 }
```

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

```
.border{ border-color:#1B5DE5 }
```

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

Here you see how a box with a 4 pixel #1B5DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5DE5; -webkit-box-shadow:4px 4px  
4px 4px #1B5DE5; box-shadow:4px 4px 4px  
4px #1B5DE5 }
```

Background

The CSS property to change the background color of an element to Decimal 1793509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5DE5 }
```

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

```
.background{ background-color:#1B5DE5 }
```

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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