

Converting Colors

Decimal(809155)

Have a look what the booklet for
Decimal(809155) contains.

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Color

Decimal(809155)

Conversions

Conversions Part 1

Format	Color
Hex	0C58C3
RGB	12, 88, 195
RGB Percent	5%, 35%, 76%
CMY	0.9529, 0.6549, 0.2353
CMYK	0.94, 0.55, 0.00, 0.24
HSL	215°, 88%, 41%
HSV	215°, 94%, 76%
XYZ	13.4917, 10.9977, 53.0414
YIQ	77.4740, -79.6430, 17.1650

Conversions

Conversions Part 2

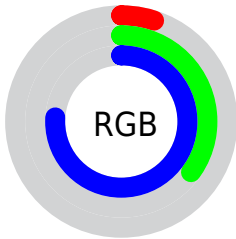
Format	Color
R_{YB}	12, 66, 195
Decimal	809155
CIE _{Lab}	39.58, 21.27, -61.55
CIE _{LCh}	40, 65.117, 289.064
Yxy	10.9977, 0.1740, 0.1418
Android (android.graphics.Color)	4278999235 (0xFF0C58C3)
YUV	77.4740, 57.9403, -57.4207
Hunter-Lab	33.1628, 14.5843, -71.6159

Details

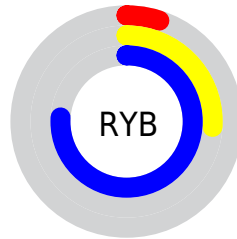
The Decimal color **809155** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **12809996**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **6523388**, and **11404** is the 20% darker color. If you saturate the color by 10%, you get **20931**, and if you desaturate by 10%, it is **2122691**.

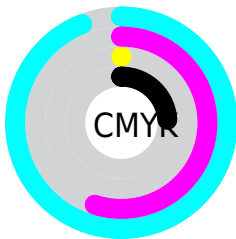
Distribution



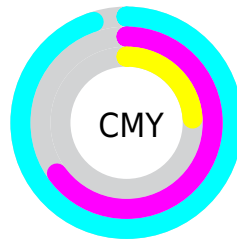
- Red (5%)
- Green (35%)
- Blue (76%)



- Red (5%)
- Yellow (26%)
- Blue (76%)



- Cyan (94%)
- Magenta (55%)
- Yellow (0%)
- Black (24%)

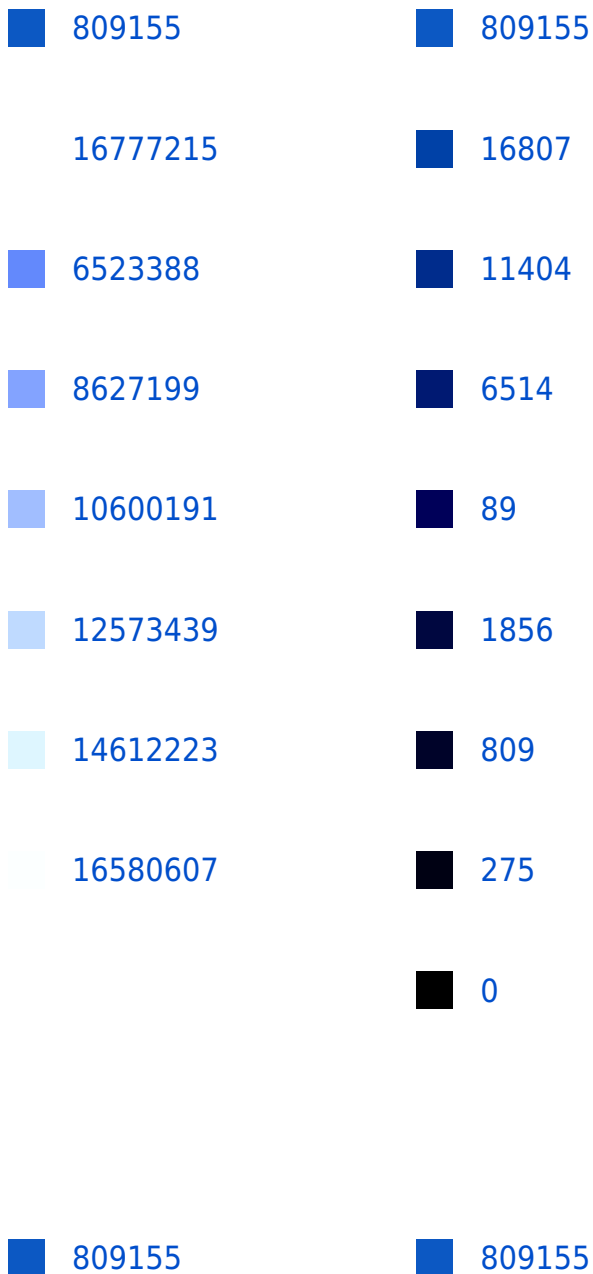


- Cyan (95%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 809155 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 809155 by changing the saturation by 10% instead.



■ 20931

■ 2122691

■ 3370947

■ 4684483

■ 5932739

■ 7246275

■ 8494275

■ 9808067

■ 11056067

■ 12304323

Harmonies

Analogous

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



27335



809155



8862628

Triad

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



809155



10828038



29255

Complementary

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



809155



12809996

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.



28167



809155



8541184

Square

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



809155



11998526



5399808



29823

Rectangle

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



809155



10953348



5399808



28980

Sweetspot

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



809155



11981820



836471



5531264



0



8421504

Same Dimension

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



809155



27132



1772739



5725025



17313



3617

Inverse Universe

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



12782680



16515177



11846412



6379355



10551363



2162702

Previews

White Background



This preview shows how the Decimal color 809155 looks on a white background.

Color Contrast Check

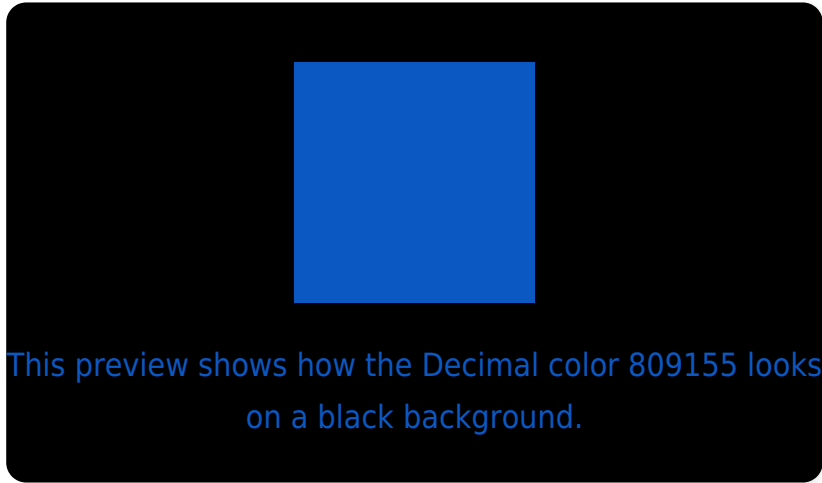
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

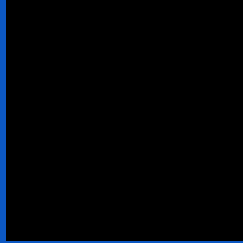
Any Text WCAG AA × Fail

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 809155 Background



This preview shows how black text looks on a background with the Decimal color 809155.



This preview shows how white text looks on a background with the Decimal color 809155.

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



Original Color
809155

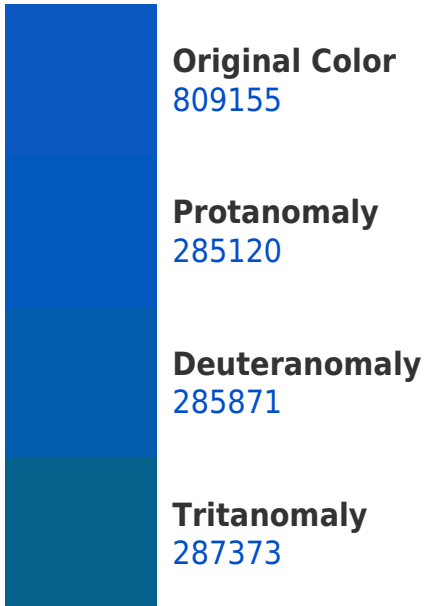
Protanopia
22974

Deuteranopia
24484



Tritanopia
26478

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 809155 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 #0C58C3 looks like.

```
.text, #text, p{  
  color:#0C58C3  
}
```

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 #0C58C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C58C3
}
```

Border

The CSS property to change the border of an element to Decimal 809155 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
#0C58C3 }
```

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

```
.border{ border-color:#0C58C3 }
```

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

Here you see how a box with a 4 pixel #0C58C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C58C3; -webkit-box-shadow:4px 4px  
4px 4px #0C58C3; box-shadow:4px 4px 4px  
4px #0C58C3 }
```

Background

The CSS property to change the background color of an element to Decimal 809155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C58C3 }
```

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

```
.background{ background-color:#0C58C3 }
```

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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