

Converting Colors

Decimal(814531)

Have a look what the booklet for
Decimal(814531) contains.

Decimal(814531)	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(814531)

Conversions

Conversions Part 1

Format	Color
Hex	0C6DC3
RGB	12, 109, 195
RGB Percent	5%, 43%, 76%
CMY	0.9529, 0.5725, 0.2353
CMYK	0.94, 0.44, 0.00, 0.24
HSL	208°, 88%, 41%
HSV	208°, 94%, 76%
XYZ	15.4706, 14.9556, 53.7011
YIQ	89.8010, -85.4180, 6.1820

Conversions

Conversions Part 2

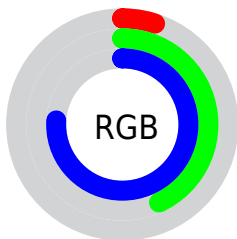
Format	Color
RYB	12, 75, 195
Decimal	814531
CIELab	45.57, 7.60, -51.86
CIELCh	46, 52.410, 278.333
Yxy	14.9556, 0.1839, 0.1778
Android (android.graphics.Color)	4279004611 (0xFF0C6DC3)
YUV	89.8010, 51.8631, -68.2315
Hunter-Lab	38.6724, 3.7307, -55.2602

Details

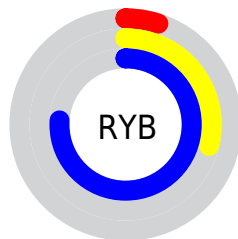
The Decimal color **814531** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **12804620**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6463740**, and **16269** is the 20% darker color. If you saturate the color by 10%, you get **26563**, and if you desaturate by 10%, it is **2127555**.

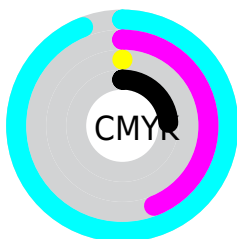
Distribution



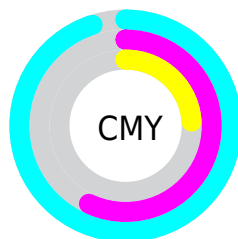
- Red (5%)
- Green (43%)
- Blue (76%)



- Red (5%)
- Yellow (29%)
- Blue (76%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 814531 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 814531 by changing the saturation by 10% instead.

814531 814531

16777215 21927

6463740 16269

8567807 10867

10540799 5721

12514303 1857

14548991 810

16515071 276

0

814531 814531

■ 26563

■ 2127555

■ 3375043

■ 4688067

■ 5935811

■ 7248835

■ 8496323

■ 9809347

■ 11056835

■ 12304323

Harmonies

Analogous

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



31165



814531



8215473

Triad

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



814531



11750200



32330

Complementary

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



814531



12804620

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.



4683808



814531



10182163

Square

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



814531



12206177



7761408



32887

Rectangle

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



814531



10374555



7761408



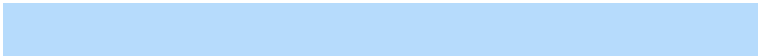
556347

Sweetspot

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



814531



11983868



836449



5532544



0



8421504

Same Dimension

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



814531



34556



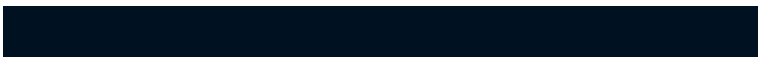
791235



5725281



21921



4641

Inverse Universe

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



12782701



16515206



12827916



6379356



10551381



2162706

Previews

White Background



This preview shows how the Decimal color 814531 looks on a white background.

Color Contrast Check

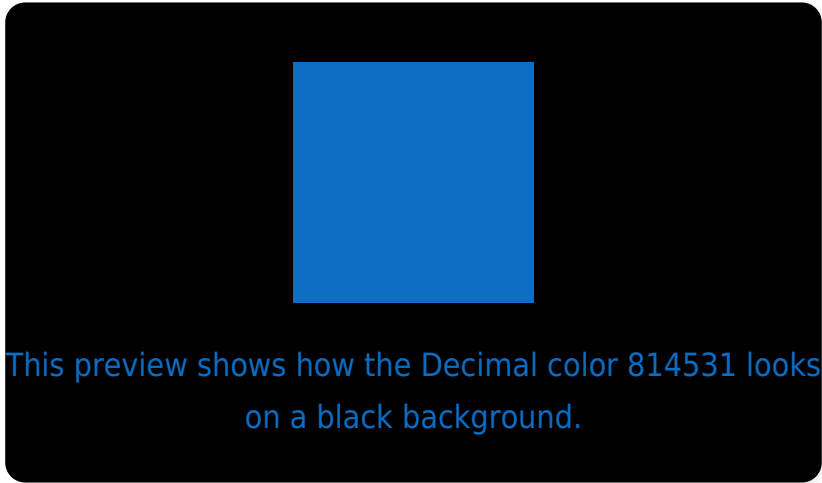
Large Text (above 18pt) WCAG AA ✓ Pass

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 814531 Background



This preview shows how black text looks on a background with the Decimal color 814531.

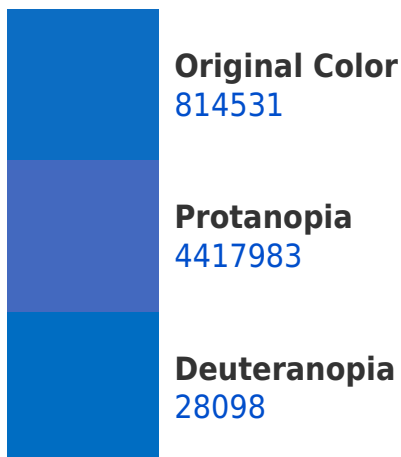


This preview shows how white text looks on a background with the Decimal color 814531.

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](#).

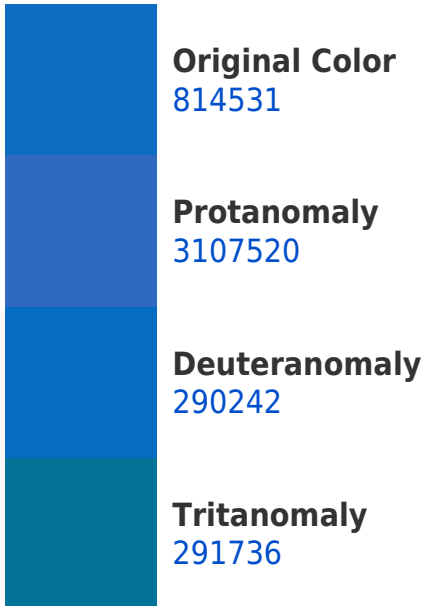
Dichromacy





Tritanopia
30592

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 814531 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 #0C6DC3 looks like.

```
.text, #text, p{  
    color:#0C6DC3  
}
```

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 #0C6DC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6DC3  
}
```

Border

The CSS property to change the border of an element to Decimal 814531 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  
#0C6DC3 }
```

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

```
.border{ border-color:#0C6DC3 }
```

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

Here you see how a box with a 4 pixel #0C6DC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6DC3; -webkit-box-shadow:4px 4px  
4px 4px #0C6DC3; box-shadow:4px 4px 4px  
4px #0C6DC3 }
```

Background

The CSS property to change the background color of an element to Decimal 814531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6DC3 }
```

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

```
.background{ background-color:#0C6DC3 }
```

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