

# Converting Colors

Decimal(4819425)

Have a look what the booklet for  
Decimal(4819425) contains.

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# Color

**Decimal(4819425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4989E1
RGB	73, 137, 225
RGB Percent	29%, 54%, 88%
CMY	0.7137, 0.4627, 0.1176
CMYK	0.68, 0.39, 0.00, 0.12
HSL	215°, 72%, 58%
HSV	215°, 68%, 88%
XYZ	25.2839, 24.7440, 74.6776
YIQ	127.8960, -66.3920, 13.8000

# Conversions

## Conversions Part 2

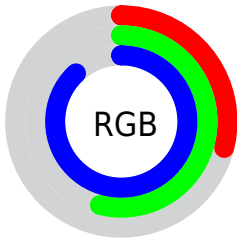
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	73, 118, 225
Decimal	4819425
CIE Lab	56.83, 7.67, -50.82
CIE LCh	57, 51.391, 278.579
Yxy	24.7440, 0.2027, 0.1984
Android (android.graphics.Color)	4283009505 (0xFF4989E1)
YUV	127.8960, 47.8723, -48.1438
Hunter-Lab	49.7434, 3.6784, -54.1892

# Details

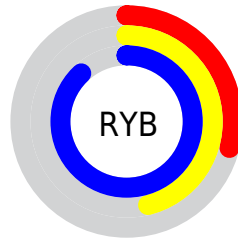
The Decimal color **4819425** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **14786889**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **8961791**, and **22697** is the 20% darker color. If you saturate the color by 10%, you get **3374305**, and if you desaturate by 10%, it is **6264545**.

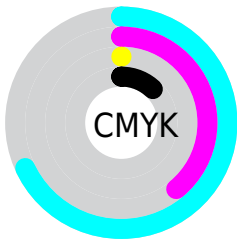
# Distribution



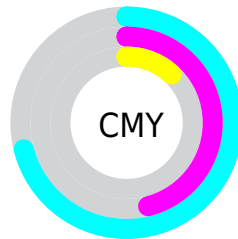
- Red (29%)
- Green (54%)
- Blue (88%)



- Red (29%)
- Yellow (46%)
- Blue (88%)



- Cyan (68%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



- Cyan (71%)
- Magenta (46%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4819425 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 4819425 by changing the saturation by 10% instead.



■ 4819425

■ 4819425

16777215

■ 2126021

■ 8961791

■ 22697

■ 10935039

■ 16782

■ 12908287

■ 11380

■ 14876671

■ 6491

■ 1859

■ 812

■ 278

■ 0

■ 4819425

■ 4819425

■ 3374305

■ 6264545

■ 1863649

■ 7775201

■ 352993

■ 9220321

■ 24545

■ 10730977

■ 12241633

■ 13686753

■ 15197409

■ 16642529

■ 16776929

# Harmonies

## Analogous

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



38619



4819425



10254287

# Triad

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



4819425



13920595



302182

# Complementary

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



4819425



14786889

# 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.



6657342



4819425



12286515

# Square

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



4819425



14311549



9800233



40596

# Rectangle

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



4819425



12413880



9800233



3709528

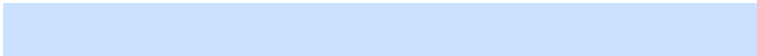


# Sweetspot

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



4819425



13427199



4841887



6385280



0



8421504



# Same Dimension

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



4819425



3180543



5458401



6646384



19120



5168



# Inverse Universe

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



14764425



16724103



14147913



7365994



11534410

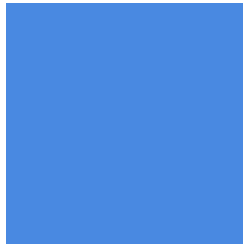


3145748



# Previews

## White Background



This preview shows how the Decimal color 4819425 looks on a white 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

# Black Background



This preview shows how the Decimal color 4819425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

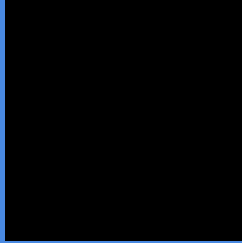
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

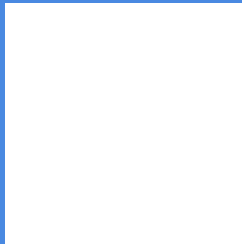
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 4819425 Background



This preview shows how black text looks on a background with the Decimal color 4819425.



This preview shows how white text looks on a background with the Decimal color 4819425.

# 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](#).

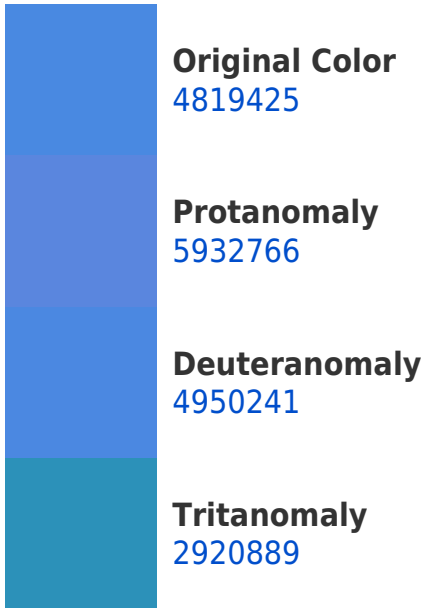
## Dichromacy



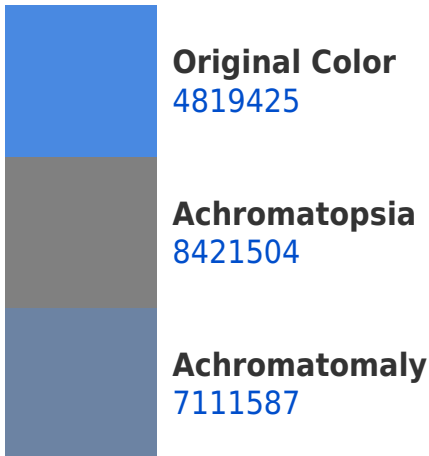


**Tritanopia**  
1808034

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4819425 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 #4989E1 looks like.

```
.text, #text, p{  
  color:#4989E1  
}
```

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 #4989E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4989E1
}
```

## Border

The CSS property to change the border of an element to Decimal 4819425 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
#4989E1 }
```

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

```
.border{ border-color:#4989E1 }
```

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

Here you see how a box with a 4 pixel #4989E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4989E1; -webkit-box-shadow:4px 4px  
4px 4px #4989E1; box-shadow:4px 4px 4px  
4px #4989E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 4819425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4989E1 }
```

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

```
.background{ background-color:#4989E1 }
```

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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