

# Converting Colors

Decimal(3120619)

Have a look what the booklet for  
Decimal(3120619) contains.

<b>Decimal(3120619)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(3120619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F9DEB
RGB	47, 157, 235
RGB Percent	18%, 62%, 92%
CMY	0.8157, 0.3843, 0.0784
CMYK	0.80, 0.33, 0.00, 0.08
HSL	205°, 82%, 55%
HSV	205°, 80%, 92%
XYZ	28.2247, 30.7164, 83.0385
YIQ	133.0020, -90.5980, 0.9380

# Conversions

## Conversions Part 2

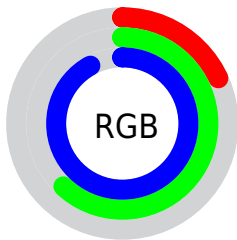
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 116, 235
Decimal	3120619
CIE Lab	62.27, -3.78, -47.78
CIE LCh	62, 47.932, 265.477
Yxy	30.7164, 0.1988, 0.2163
Android (android.graphics.Color)	4281310699 (0xFF2F9DEB)
YUV	133.0020, 50.2850, -75.4238
Hunter-Lab	55.4224, -6.0855, -50.0376

# Details

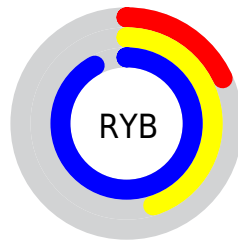
The Decimal color **3120619** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **15433007**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **7984127**, and **27315** is the 20% darker color. If you saturate the color by 10%, you get **1545195**, and if you desaturate by 10%, it is **4696043**.

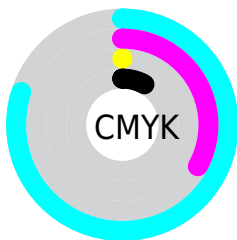
# Distribution



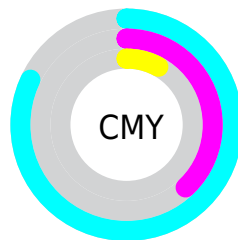
- Red (18%)
- Green (62%)
- Blue (92%)



- Red (18%)
- Yellow (45%)
- Blue (92%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



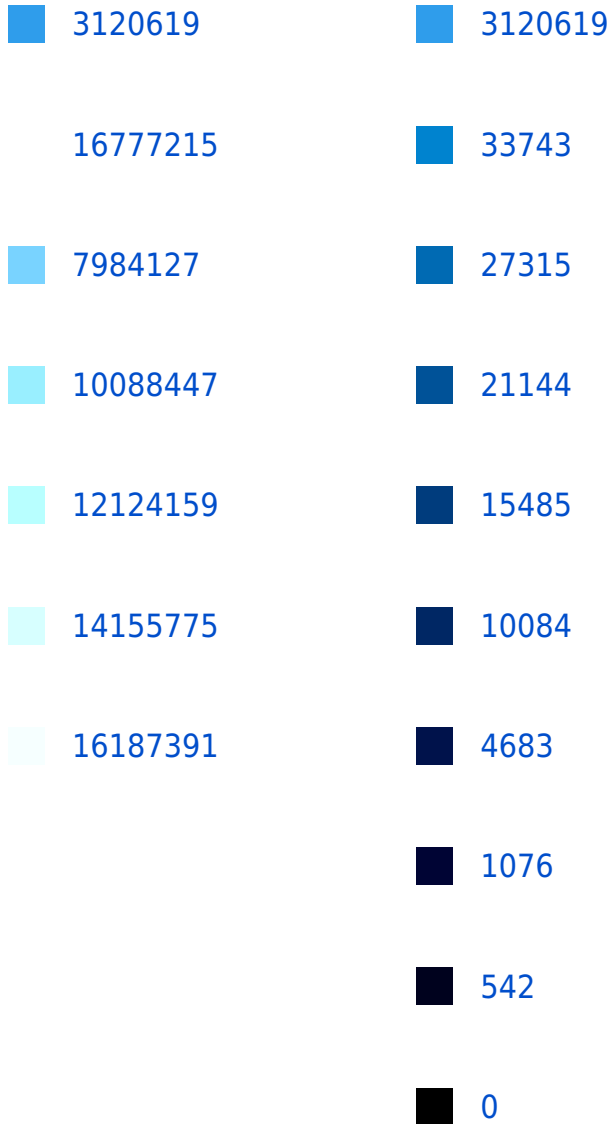
- Cyan (82%)
- Magenta (38%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3120619 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 3120619 by changing the saturation by 10% instead.





■ 3120619

■ 3120619

■ 1545195

■ 4696043

■ 35307

■ 6205675

■ 7781099

■ 9290987

■ 10800875

■ 12376043

■ 13885931

■ 15461355

■ 16774635

# Harmonies

## Analogous

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



42972



3120619



9408227

# Triad

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



3120619



15037812



5678948

# Complementary

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



3120619



15433007

# 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.



9150278



3120619



13992529

# Square

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



3120619



14775199



11899455



44174

# Rectangle

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



3120619



11961299



11899455



6989145

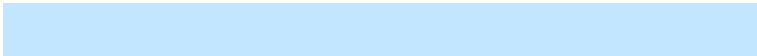


# Sweetspot

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



3120619



12773119



3140474



5992576



0



8421504

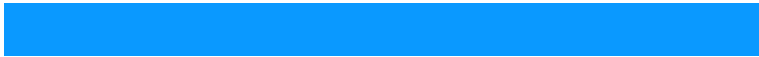


# Same Dimension

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



3120619



694783



3097323



6975605



27317



7990



# Inverse Universe

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



15413149



16714393



15456303



7694960



11862122



3538975



# Previews

## White Background



This preview shows how the Decimal color 3120619 looks on a white background.

## Color Contrast Check

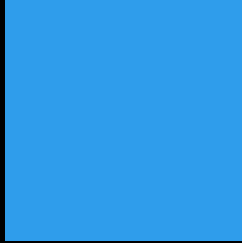
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 3120619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

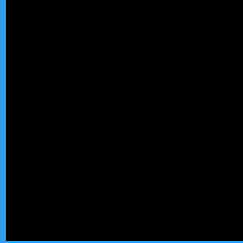
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

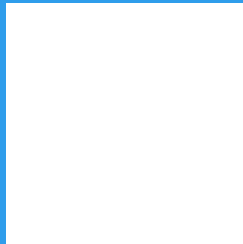
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3120619 Background



This preview shows how black text looks on a background with the Decimal color 3120619.



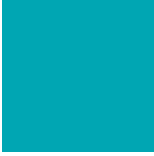
This preview shows how white text looks on a background with the Decimal color 3120619.

# 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](#).

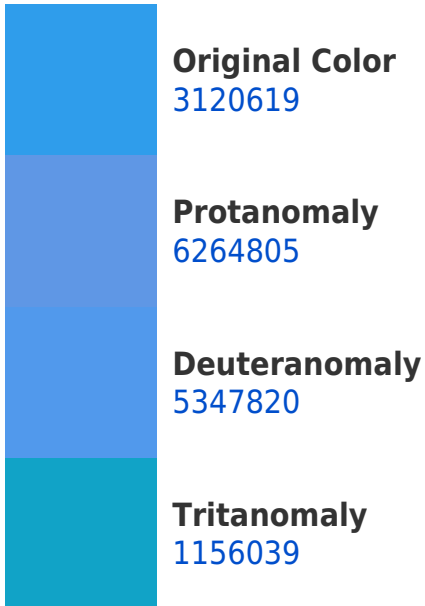
## Dichromacy



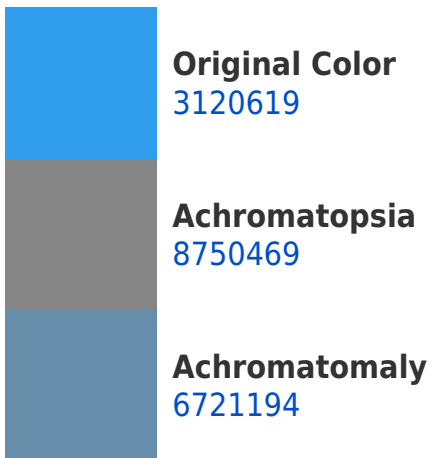


**Tritanopia**  
42675

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3120619 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 #2F9DEB looks like.

```
.text, #text, p{  
    color:#2F9DEB  
}
```

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 #2F9DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9DEB
}
```

## Border

The CSS property to change the border of an element to Decimal 3120619 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
#2F9DEB }
```

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

```
.border{ border-color:#2F9DEB }
```

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

Here you see how a box with a 4 pixel #2F9DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9DEB; -webkit-box-shadow:4px 4px  
4px 4px #2F9DEB; box-shadow:4px 4px 4px  
4px #2F9DEB }
```

# Background

The CSS property to change the background color of an element to Decimal 3120619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9DEB }
```

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

```
.background{ background-color:#2F9DEB }
```

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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