

# Converting Colors

Decimal(32511)

Have a look what the booklet for  
Decimal(32511) contains.

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# Color

**Decimal(32511)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007EFF
RGB	0, 126, 255
RGB Percent	0%, 49%, 100%
CMY	1.0000, 0.5059, 0.0000
CMYK	1.00, 0.51, 0.00, 0.00
HSL	210°, 100%, 50%
HSV	210°, 100%, 100%
XYZ	25.5109, 22.1417, 97.5370
YIQ	103.0320, -116.5050, 13.4070

# Conversions

## Conversions Part 2

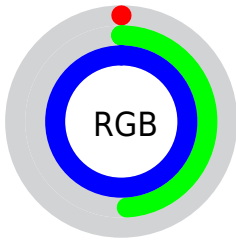
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 84, 255
Decimal	32511
CIE <sub>Lab</sub>	54.18, 20.04, -71.80
CIE <sub>LCh</sub>	54, 74.546, 285.594
Yxy	22.1417, 0.1757, 0.1525
Android (android.graphics.Color)	4278222591 (0xFF007EFF)
YUV	103.0320, 74.9202, -90.3591
Hunter-Lab	47.0550, 14.4276, -89.9596

# Details

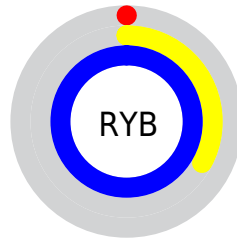
The Decimal color **32511** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **16744704**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7451391**, and **20165** is the 20% darker color. If you saturate the color by 10%, you get **32511**, and if you desaturate by 10%, it is **1674239**.

# Distribution



- Red (0%)
- Green (49%)
- Blue (100%)



- Red (0%)
- Yellow (33%)
- Blue (100%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)




















- Cyan (100%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 32511 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 32511 by changing the saturation by 10% instead.



 32511	 32511
 16777215	 26338
 7451391	 20165
 9686527	 14761
 11790847	 9614
 13893631	 4980
 15990783	 3418
	 1858
	 811
	 277

■ 32511

■ 1674239

■ 3381503

■ 5088767

■ 6730495

■ 8437759

■ 10079231

■ 11786495

■ 13428223

■ 15135487

# Harmonies

## Analogous

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



37631



32511



11362013

# Triad

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



32511



14636069



40031

# Complementary

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



32511



16744704

# 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.



2528791



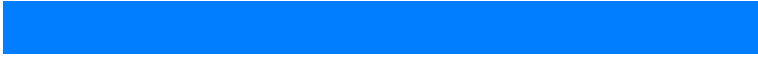
32511



11956992

# Square

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



32511



15807587



8227072



40610

# Rectangle

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



32511



14042808



8227072

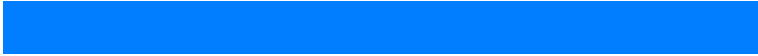


39497

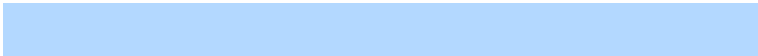


# Sweetspot

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



32511



11786495



65408



5400704



0



8421504



# Same Dimension

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



32511



255



7567744



24511



8256

# Inverse Universe

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



16711806



16776960



8418169



12517470



4194335

# Previews

## White Background



This preview shows how the Decimal color 32511 looks on a white background.

## Color Contrast Check

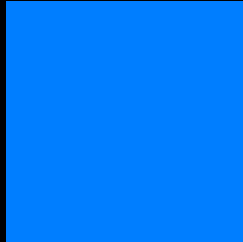
Large Text (above 18pt) WCAG AA ✓ Pass

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 32511 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

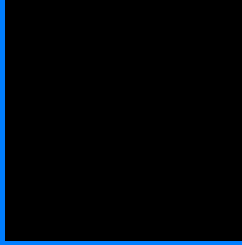
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

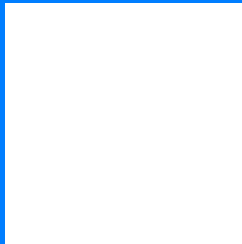
Any Text WCAG AAA × Fail

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

## Decimal 32511 Background



This preview shows how black text looks on a background with the Decimal color 32511.



This preview shows how white text looks on a background with the Decimal color 32511.

# 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**  
32511

**Protanomaly**  
2063870

**Deuteranomaly**  
33518

# Monochromacy



**Original Color**  
32511

**Achromatopsia**  
6776679

**Achromatomaly**  
4353950

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 32511 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 #007EFF looks like.

```
.text, #text, p{  
    color:#007EFF  
}
```

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 #007EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007EFF
}
```

## Border

The CSS property to change the border of an element to Decimal 32511 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
#007EFF }
```

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

```
.border{ border-color:#007EFF }
```

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

Here you see how a box with a 4 pixel #007EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007EFF; -webkit-box-shadow:4px 4px  
4px 4px #007EFF; box-shadow:4px 4px 4px  
4px #007EFF }
```

# Background

The CSS property to change the background color of an element to Decimal 32511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007EFF }
```

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

```
.background{ background-color:#007EFF }
```

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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