

# Converting Colors

Decimal(27628)

Have a look what the booklet for  
Decimal(27628) contains.

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# Color

**Decimal(27628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	006BEC
RGB	0, 107, 236
RGB Percent	0%, 42%, 93%
CMY	1.0000, 0.5804, 0.0745
CMYK	1.00, 0.55, 0.00, 0.07
HSL	213°, 100%, 46%
HSV	213°, 100%, 93%
XYZ	20.3980, 16.5715, 81.4804
YIQ	89.7130, -105.1810, 17.4350

# Conversions

## Conversions Part 2

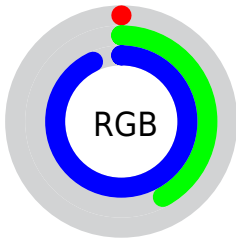
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 236
Decimal	27628
CIELab	47.72, 24.72, -71.72
CIELCh	48, 75.863, 289.016
Yxy	16.5715, 0.1722, 0.1399
Android (android.graphics.Color)	4278217708 (0xFF006BEC)
YUV	89.7130, 72.1195, -78.6783
Hunter-Lab	40.7081, 18.2035, -90.1777

# Details

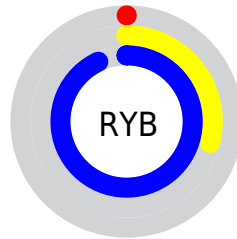
The Decimal color **27628** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **15499520**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7118591**, and **15795** is the 20% darker color. If you saturate the color by 10%, you get **27628**, and if you desaturate by 10%, it is **1603820**.

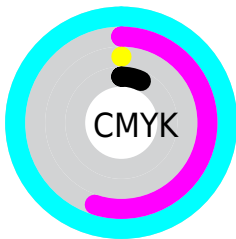
# Distribution



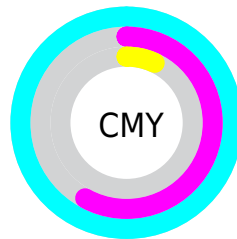
- Red (0%)
- Green (42%)
- Blue (93%)



- Red (0%)
- Yellow (29%)
- Blue (93%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



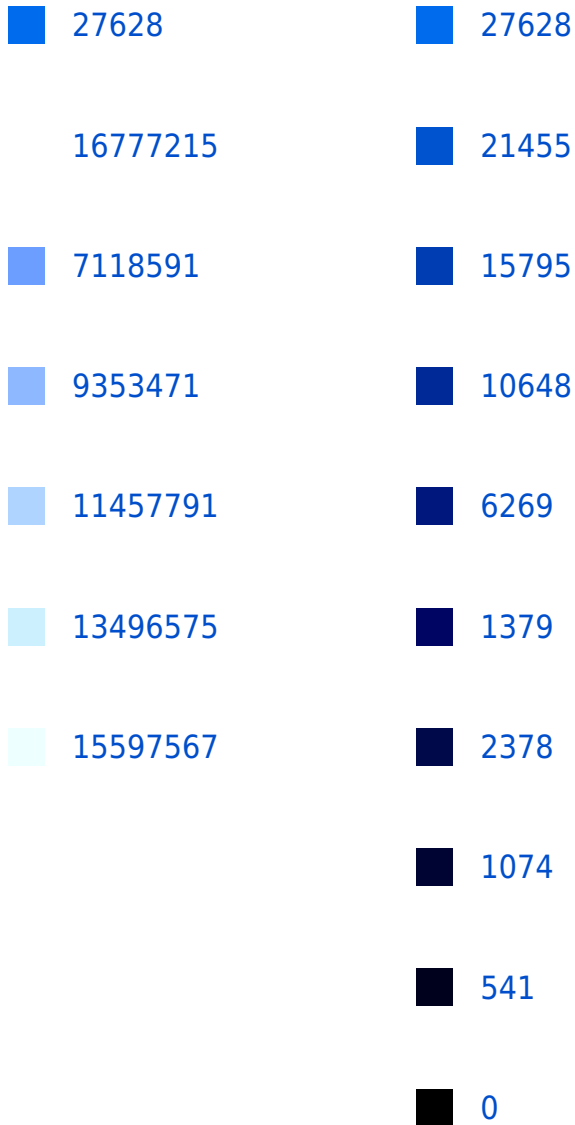
- Cyan (100%)
- Magenta (58%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 27628 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 27628 by changing the saturation by 10% instead.





■ 27628

■ 1603820

■ 3114476

■ 4690668

■ 6201324

■ 7777260

■ 9353452

■ 10864108

■ 12440300

■ 13950956

# Harmonies

## Analogous

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



33008



27628



10766534

# Triad

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



27628



13124869



35671

# Complementary

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



27628



15499520

# 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.



34054



27628



10315264

# Square

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



27628



14554700



6584832



35993

# Rectangle

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



27628



13183136



6584832



35136



# Sweetspot

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



27628



11785727



60542



5400192



0



8421504



# Same Dimension

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



27628



29951



524524



6975349



21173



6198



# Inverse Universe

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



15466603



16711796



15002624



7694959



11862098



3538968



# Previews

## White Background



This preview shows how the Decimal color 27628 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



This preview shows how the Decimal color 27628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

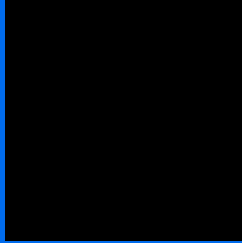
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

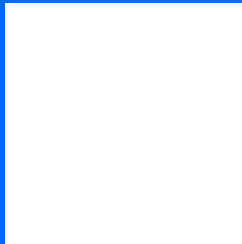
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 27628 Background



This preview shows how black text looks on a background with the Decimal color 27628.

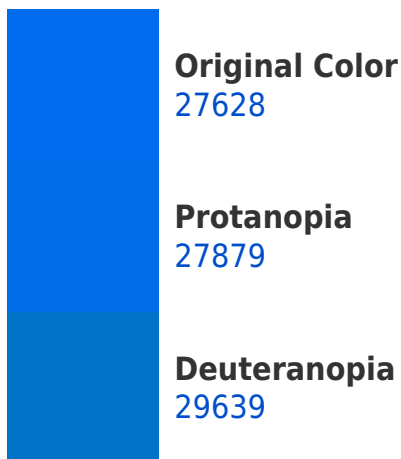


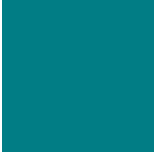
This preview shows how white text looks on a background with the Decimal color 27628.

# 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](#).

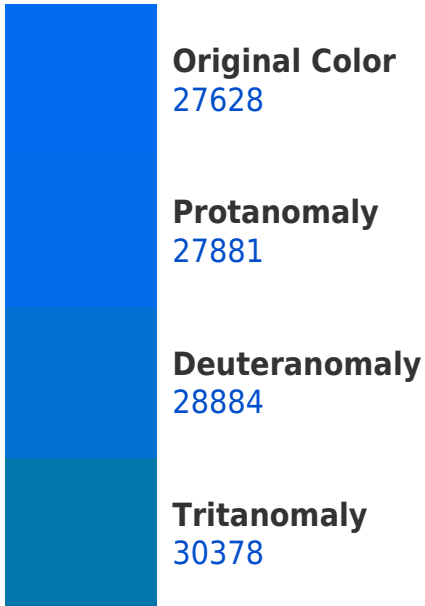
## Dichromacy



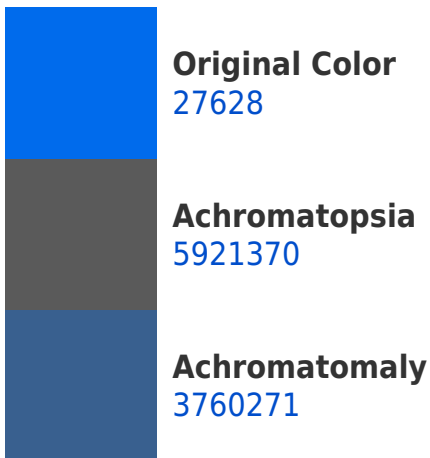


**Tritanopia**  
32133

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 27628 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 #006BEC looks like.

```
.text, #text, p{  
    color:#006BEC  
}
```

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 #006BEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006BEC
}
```

## Border

The CSS property to change the border of an element to Decimal 27628 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
#006BEC }
```

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

```
.border{ border-color:#006BEC }
```

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

Here you see how a box with a 4 pixel #006BEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006BEC; -webkit-box-shadow:4px 4px  
4px 4px #006BEC; box-shadow:4px 4px 4px  
4px #006BEC }
```

# Background

The CSS property to change the background color of an element to Decimal 27628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006BEC }
```

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

```
.background{ background-color:#006BEC }
```

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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