

# Converting Colors

Decimal(24274)

Have a look what the booklet for  
Decimal(24274) contains.

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# Color

**Decimal(24274)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005ED2
RGB	0, 94, 210
RGB Percent	0%, 37%, 82%
CMY	1.0000, 0.6314, 0.1765
CMYK	1.00, 0.55, 0.00, 0.18
HSL	213°, 100%, 41%
HSV	213°, 100%, 82%
XYZ	15.6356, 12.6586, 62.5920
YIQ	79.1180, -93.2600, 16.1480

# Conversions

## Conversions Part 2

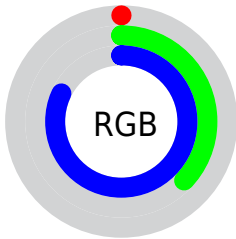
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 65, 210
Decimal	24274
CIE <sub>Lab</sub>	42.24, 22.91, -65.88
CIE <sub>LCh</sub>	42, 69.746, 289.178
Yxy	12.6586, 0.1720, 0.1393
Android (android.graphics.Color)	4278214354 (0xFF005ED2)
YUV	79.1180, 64.5248, -69.3865
Hunter-Lab	35.5789, 16.1810, -79.4006

# Details

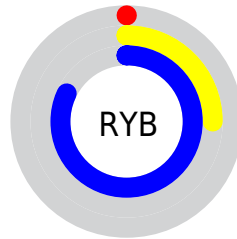
The Decimal color **24274** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **13792256**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **6656255**, and **12954** is the 20% darker color. If you saturate the color by 10%, you get **24274**, and if you desaturate by 10%, it is **1403602**.

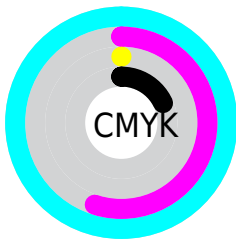
# Distribution



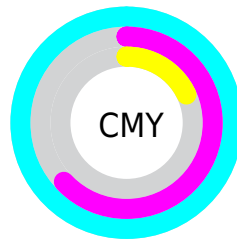
- Red (0%)
- Green (37%)
- Blue (82%)



- Red (0%)
- Yellow (25%)
- Blue (82%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)




















- Cyan (100%)
- Magenta (63%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 24274 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 24274 by changing the saturation by 10% instead.



 24274	 24274
 16777215	 18358
 6656255	 12954
 8760063	 7808
 10864127	 1894
 12837375	 2637
 14876159	 1333
	 543
	 2
	 0

■ 24274

■ 1403602

■ 2782674

■ 4162002

■ 5541074

■ 6920402

■ 8299730

■ 9678802

■ 11058130

■ 12437202

# Harmonies

## Analogous

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



29142



24274



9518768

# Triad

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



24274



11615235



31564

# Complementary

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



24274



13792256

# 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.



30212



24274



9132544

# Square

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



24274



12915010



5729280



31880

# Rectangle

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



24274



11739534



5729280



31032



# Sweetspot

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



24274



11785727



53875



5400192



0



8421504



# Same Dimension

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



24274



29439



721106



6185833



19368



4649



# Inverse Universe

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



13762654



16711794



13160960



6905443



11010123



2686994



# Previews

## White Background



This preview shows how the Decimal color 24274 looks on a white background.

## Color Contrast Check

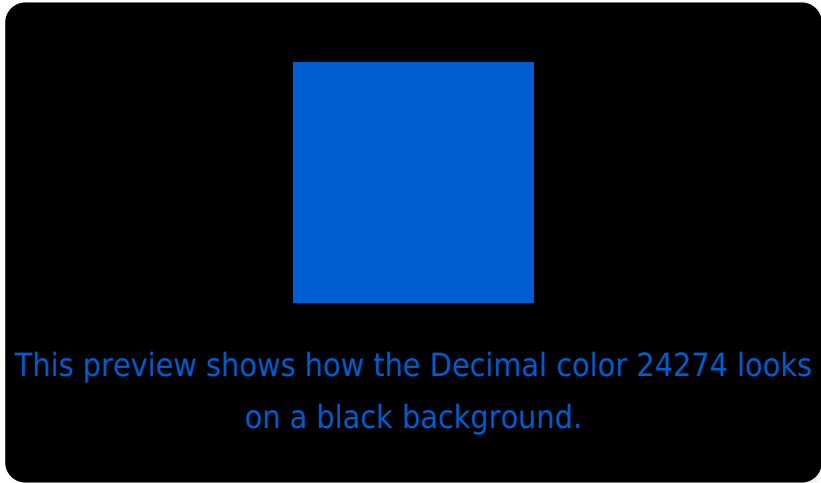
Large Text (above 18pt) WCAG AA ✓ Pass

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

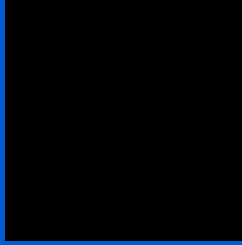
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 24274 Background



This preview shows how black text looks on a background with the Decimal color 24274.



This preview shows how white text looks on a background with the Decimal color 24274.

# 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](#).

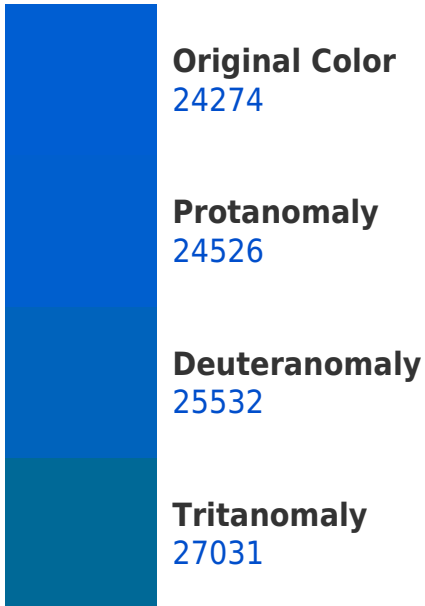
## Dichromacy





**Tritanopia**  
28533

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 24274 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 #005ED2 looks like.

```
.text, #text, p{  
    color:#005ED2  
}
```

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 #005ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005ED2
}
```

## Border

The CSS property to change the border of an element to Decimal 24274 is called "border". The border property can be set on classes, ids or directly on the HTML element.

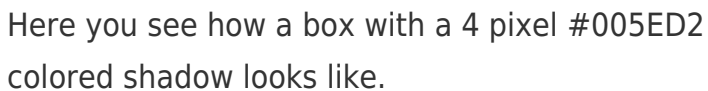
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005ED2 }
```

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

```
.border{ border-color:#005ED2 }
```

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



Here you see how a box with a 4 pixel #005ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005ED2; -webkit-box-shadow:4px 4px  
4px 4px #005ED2; box-shadow:4px 4px 4px  
4px #005ED2 }
```

# Background

The CSS property to change the background color of an element to Decimal 24274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005ED2 }
```

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

```
.background{ background-color:#005ED2 }
```

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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