

Converting Colors

Decimal(24301)

Have a look what the booklet for
Decimal(24301) contains.

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Color

Decimal(24301)

Conversions

Conversions Part 1

Format	Color
Hex	005EED
RGB	0, 94, 237
RGB Percent	0%, 37%, 93%
CMY	1.0000, 0.6314, 0.0706
CMYK	1.00, 0.60, 0.00, 0.07
HSL	216°, 100%, 46%
HSV	216°, 100%, 93%
XYZ	19.2888, 14.1198, 81.8295
YIQ	82.1960, -101.9270, 24.5450

Conversions

Conversions Part 2

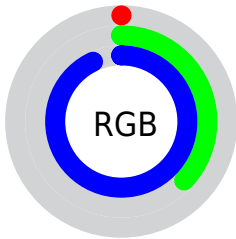
Format	Color
RYB	0, 67, 237
Decimal	24301
CIELab	44.40, 33.46, -77.69
CIELCh	44, 84.591, 293.303
Yxy	14.1198, 0.1674, 0.1225
Android (android.graphics.Color)	4278214381 (0xFF005EED)
YUV	82.1960, 76.3184, -72.0859
Hunter-Lab	37.5764, 25.8693, -102.8116

Details

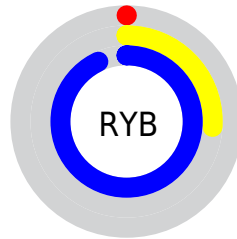
The Decimal color **24301** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **15568640**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **7180543**, and **12980** is the 20% darker color. If you saturate the color by 10%, you get **24301**, and if you desaturate by 10%, it is **1600749**.

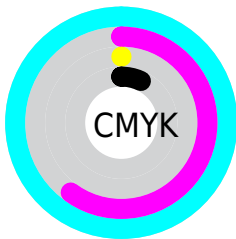
Distribution



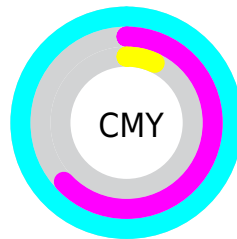
- Red (0%)
- Green (37%)
- Blue (93%)



- Red (0%)
- Yellow (26%)
- Blue (93%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (7%)




















- Cyan (100%)
- Magenta (63%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24301 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 24301 by changing the saturation by 10% instead.

 24301	 24301
 16777215	 18384
 7180543	 12980
 9415423	 8088
 11519487	 3453
 13623807	 2403
 15728127	 2378
	 1075
	 541
	 0

■ 24301

■ 1600749

■ 3111917

■ 4688365

■ 6264813

■ 7775725

■ 9352429

■ 10928877

■ 12505325

■ 14016493

Harmonies

Analogous

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



30968



24301



11152575

Triad

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



24301



12532480



33878

Complementary

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



24301



15568640

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.



32512



24301



9330944

Square

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



24301



14352439



4945152



34207

Rectangle

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



24301



13500563



4945152



33597

Sweetspot

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



24301



11784703



60814



5399680



0



8421504

Same Dimension

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



24301



26111



1573101



6975093



18613



5430

Inverse Universe

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



15532126



16711781



14019840



7694958



11862088



3538965

Previews

White Background



This preview shows how the Decimal color 24301 looks on a white background.

Color Contrast Check

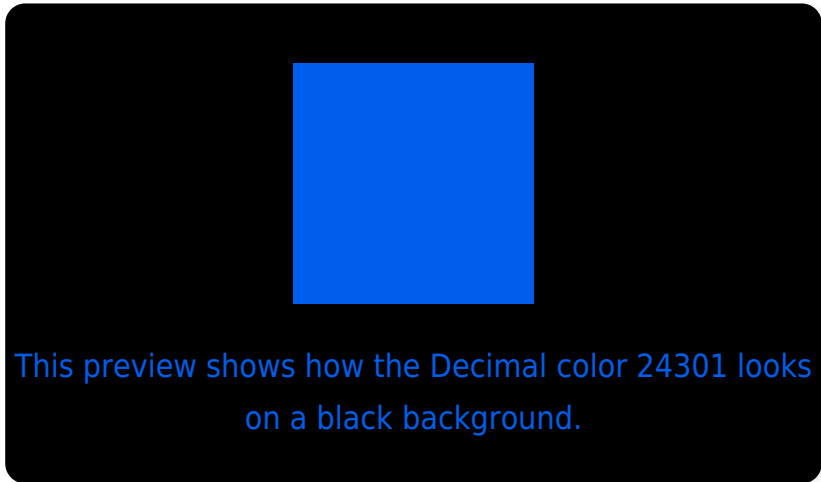
Large Text (above 18pt) WCAG AA ✓ Pass

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

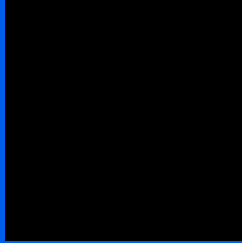
Any Text WCAG AA × Fail

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 24301 Background



This preview shows how black text looks on a background with the Decimal color 24301.



This preview shows how white text looks on a background with the Decimal color 24301.

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](#).

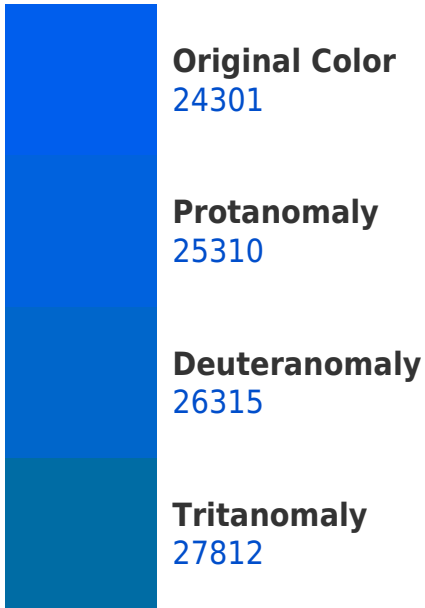
Dichromacy





Tritanopia
29819

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24301 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 #005EED looks like.

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

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 #005EED colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 24301 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
#005EED }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 24301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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