

Converting Colors

Decimal(24312)

Have a look what the booklet for
Decimal(24312) contains.

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Color

Decimal(24312)

Conversions

Conversions Part 1

Format	Color
Hex	005EF8
RGB	0, 94, 248
RGB Percent	0%, 37%, 97%
CMY	1.0000, 0.6314, 0.0275
CMYK	1.00, 0.62, 0.00, 0.03
HSL	217°, 100%, 49%
HSV	217°, 100%, 97%
XYZ	20.9460, 14.7827, 90.5563
YIQ	83.4500, -105.4580, 27.9660

Conversions

Conversions Part 2

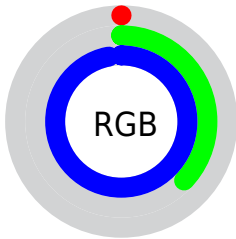
Format	Color
R _{YB}	0, 68, 248
Decimal	24312
CIE _{Lab}	45.34, 37.64, -82.33
CIE _{LCh}	45, 90.527, 294.566
Y _{xy}	14.7827, 0.1659, 0.1171
Android (android.graphics.Color)	4278214392 (0xFF005EF8)
YUV	83.4500, 81.1232, -73.1857
Hunter-Lab	38.4483, 29.9592, -112.7304

Details

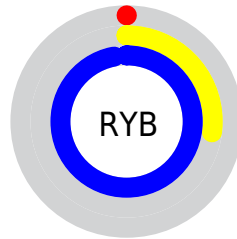
The Decimal color **24312** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **16292352**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **7442687**, and **12734** is the 20% darker color. If you saturate the color by 10%, you get **24312**, and if you desaturate by 10%, it is **1666552**.

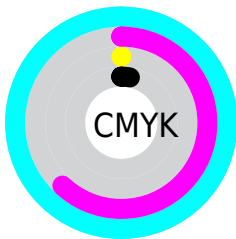
Distribution



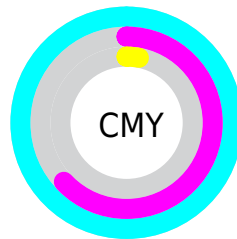
- Red (0%)
- Green (37%)
- Blue (97%)



- Red (0%)
- Yellow (27%)
- Blue (97%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (3%)




















- Cyan (100%)
- Magenta (63%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24312 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 24312 by changing the saturation by 10% instead.

 24312	 24312
 16777215	 18395
 7442687	 12734
 9677567	 8098
 11847167	 3975
 13951487	 1645
 16056063	 2899
	 1595
	 549
	 269

 24312

 1666552

 3309048

 4885752

 6528248

 8170488

 9812728

 11455224

 13031928

 14674424

Harmonies

Analogous

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



31743



24312



11805125

Triad

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



24312



12860160



34651

Complementary

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



24312



16292352

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.



33536



24312



9397248

Square

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



24312



14942259



4552960



35241

Rectangle

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



24312



14221462



4552960



34368

Sweetspot

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



24312



11784191



63641



5399424



0



8421504

Same Dimension

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



24312



25087



1900792



7370109



18621



5949

Inverse Universe

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



16253022



16711777



14415872



8220789



12386376



3997719

Previews

White Background



This preview shows how the Decimal color 24312 looks on a white background.

Color Contrast Check

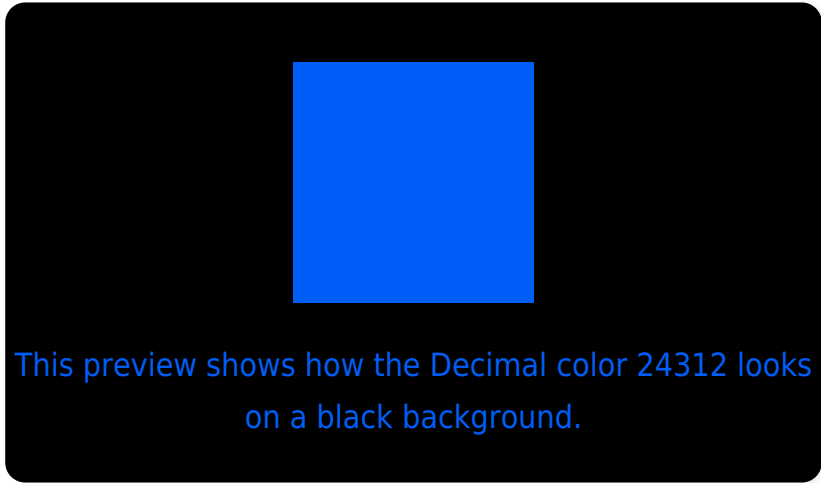
Large Text (above 18pt) WCAG AA ✓ Pass

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

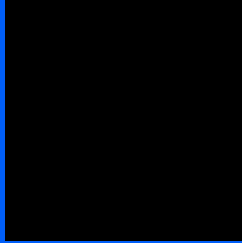
Any Text WCAG AA × Fail

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 24312 Background



This preview shows how black text looks on a background with the Decimal color 24312.

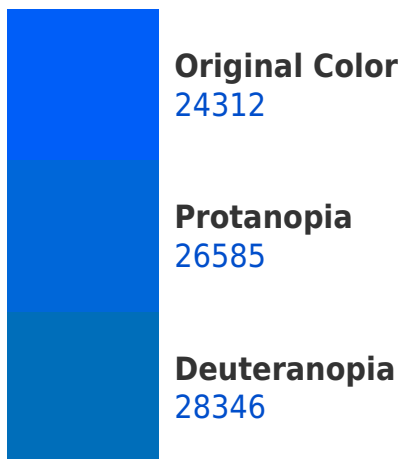


This preview shows how white text looks on a background with the Decimal color 24312.

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](#).

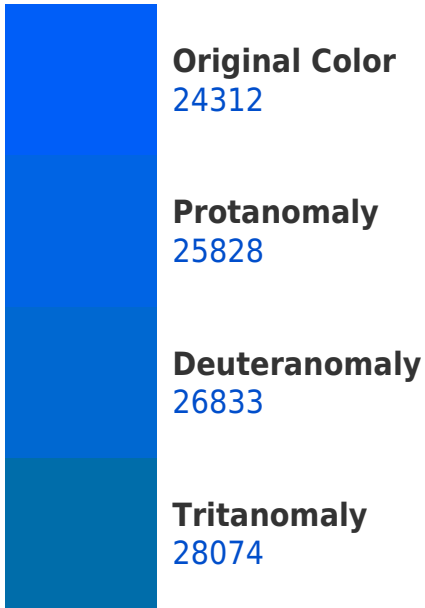
Dichromacy





Tritanopia
30333

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24312 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 #005EF8 looks like.

```
.text, #text, p{  
    color:#005EF8  
}
```

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 #005EF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005EF8
}
```

Border

The CSS property to change the border of an element to Decimal 24312 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
#005EF8 }
```

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

```
.border{ border-color:#005EF8 }
```

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

Here you see how a box with a 4 pixel #005EF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005EF8; -webkit-box-shadow:4px 4px  
4px 4px #005EF8; box-shadow:4px 4px 4px  
4px #005EF8 }
```

Background

The CSS property to change the background color of an element to Decimal 24312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005EF8 }
```

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

```
.background{ background-color:#005EF8 }
```

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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