

# Converting Colors

Decimal(11250)

Have a look what the booklet for  
Decimal(11250) contains.

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# Color

**Decimal(11250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	002BF2
RGB	0, 43, 242
RGB Percent	0%, 17%, 95%
CMY	1.0000, 0.8314, 0.0510
CMYK	1.00, 0.82, 0.00, 0.05
HSL	229°, 100%, 47%
HSV	229°, 100%, 95%
XYZ	16.8909, 8.1386, 84.6851
YIQ	52.8290, -89.5070, 52.7730

# Conversions

## Conversions Part 2

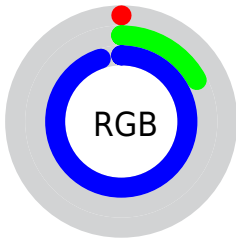
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 37, 242
Decimal	11250
CIELab	34.27, 64.43, -97.25
CIELCh	34, 116.660, 303.523
Yxy	8.1386, 0.1540, 0.0742
Android (android.graphics.Color)	4278201330 (0xFF002BF2)
YUV	52.8290, 93.2613, -46.3310
Hunter-Lab	28.5282, 55.7616, -156.0310

# Details

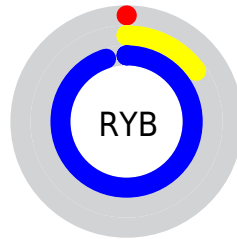
The Decimal color **11250** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **15910656**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **7560959**, and **184** is the 20% darker color. If you saturate the color by 10%, you get **11250**, and if you desaturate by 10%, it is **1589234**.

# Distribution



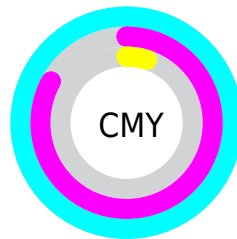
- Red (0%)
- Green (17%)
- Blue (95%)



- Red (0%)
- Yellow (15%)
- Blue (95%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (5%)





















- Cyan (100%)
- Magenta (83%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11250 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 11250 by changing the saturation by 10% instead.



 11250	 11250
 16777215	 4309
 7560959	 184
 9861119	 156
 12096255	 129
 14200319	 4198
 16370175	 2637
 16770815	 1334
	 543
	 3

■ 11250

■ 1589234

■ 3167218

■ 4810738

■ 6388722

■ 7966450

■ 9544434

■ 11122418

■ 12765938

■ 14343922

# Harmonies

## Analogous

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



24831



11250



12386470

# Triad

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



11250



10492160



27738

# Complementary

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



11250



15910656

# 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.



26880



11250



5919232

# Square

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



11250



13697024



25600



28600

# Rectangle

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



11250



14418025



25600



27449



# Sweetspot

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



11250



11780351



62150



5397120



0



8421504



# Same Dimension

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



11250



11775



5046514



7106168



8632



2616



# Inverse Universe

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



15859755



16711725



10875392



7892078



12058657



3670026



# Previews

## White Background



This preview shows how the Decimal color 11250 looks on a white background.

## Color Contrast Check

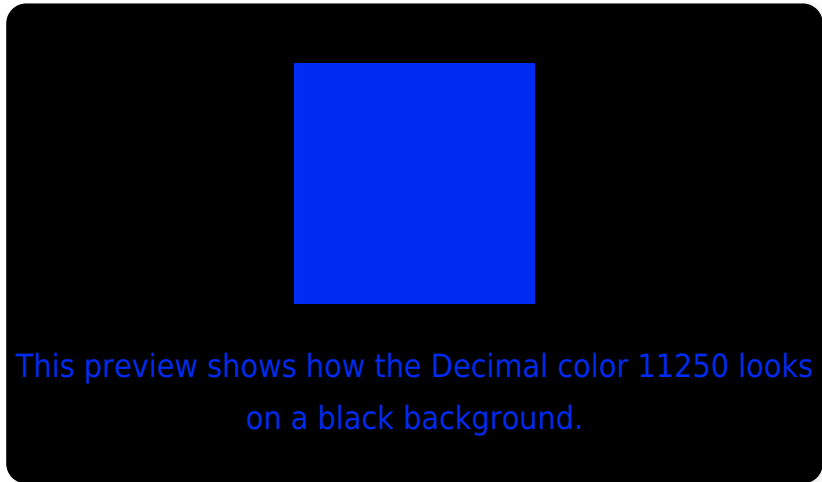
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

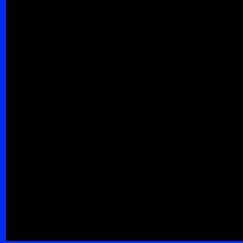
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 11250 Background



This preview shows how black text looks on a background with the Decimal color 11250.



This preview shows how white text looks on a background with the Decimal color 11250.

# 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



**Original Color**  
11250

**Tritanopia**  
22877

# Trichromacy



**Original Color**

11250



**Tritanomaly**

18579

# Monochromacy



**Original Color**

11250



**Achromatopsia**

3487029



**Achromatomaly**

2240890

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11250 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 #002BF2 looks like.

```
.text, #text, p{  
    color:#002BF2  
}
```

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 #002BF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002BF2
}
```

## Border

The CSS property to change the border of an element to Decimal 11250 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
#002BF2 }
```

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

```
.border{ border-color:#002BF2 }
```

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

Here you see how a box with a 4 pixel #002BF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002BF2; -webkit-box-shadow:4px 4px  
4px 4px #002BF2; box-shadow:4px 4px 4px  
4px #002BF2 }
```

# Background

The CSS property to change the background color of an element to Decimal 11250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002BF2 }
```

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

```
.background{ background-color:#002BF2 }
```

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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