

Converting Colors

Decimal(2500)

Have a look what the booklet for
Decimal(2500) contains.

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Color

Decimal(2500)

Conversions

Conversions Part 1

Format	Color
Hex	0009C4
RGB	0, 9, 196
RGB Percent	0%, 4%, 77%
CMY	1.0000, 0.9647, 0.2314
CMYK	1.00, 0.95, 0.00, 0.23
HSL	237°, 100%, 38%
HSV	237°, 100%, 77%
XYZ	10.0615, 4.1809, 52.5012
YIQ	27.6270, -65.3910, 56.2490

Conversions

Conversions Part 2

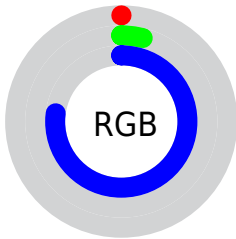
Format	Color
RYB	0, 9, 196
Decimal	2500
CIELab	24.26, 62.99, -87.42
CIELCh	24, 107.746, 305.775
Yxy	4.1809, 0.1507, 0.0626
Android (android.graphics.Color)	4278192580 (0xFF0009C4)
YUV	27.6270, 83.0079, -24.2289
Hunter-Lab	20.4472, 52.0520, -137.9226

Details

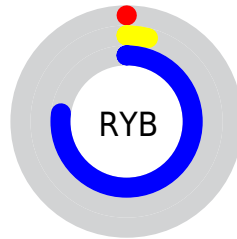
The Decimal color **2500** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **12892928**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **6832894**, and **140** is the 20% darker color. If you saturate the color by 10%, you get **2500**, and if you desaturate by 10%, it is **1318084**.

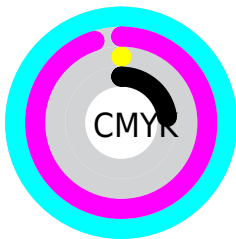
Distribution



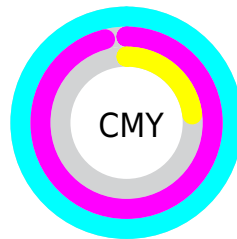
- Red (0%)
- Green (4%)
- Blue (77%)



- Red (0%)
- Yellow (4%)
- Blue (77%)



- Cyan (100%)
- Magenta (95%)
- Yellow (0%)
- Black (23%)





















- Cyan (100%)
- Magenta (96%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2500 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 2500 by changing the saturation by 10% instead.

 2500	 2500
 16777215	 168
 6832894	 140
 9002239	 114
 11106047	 3160
 13144575	 1856
 15183359	 809
 16763391	 275
 16770559	 0

 2500

■ 1318084

■ 2567876

■ 3883460

■ 5133508

■ 6449092

■ 7764420

■ 9014468

■ 10330052

■ 11579844

Harmonies

Analogous

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



18405



2500



10223743

Triad

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



2500



7931904



20809

Complementary

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



2500



12892928

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.



19968



2500



3816704

Square

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



2500



10747904



18944



21403

Rectangle

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



2500



11731017



18944



20524

Sweetspot

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



2500



11777791



50362



5395584



0



8421504

Same Dimension

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



2500



3327



5767364



5724257



1953



545

Inverse Universe

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



12845065



16711692



7128064



6379352



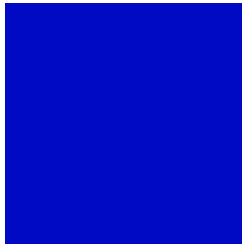
10551303



2162690

Previews

White Background



This preview shows how the Decimal color 2500 looks on a white background.

Color Contrast Check

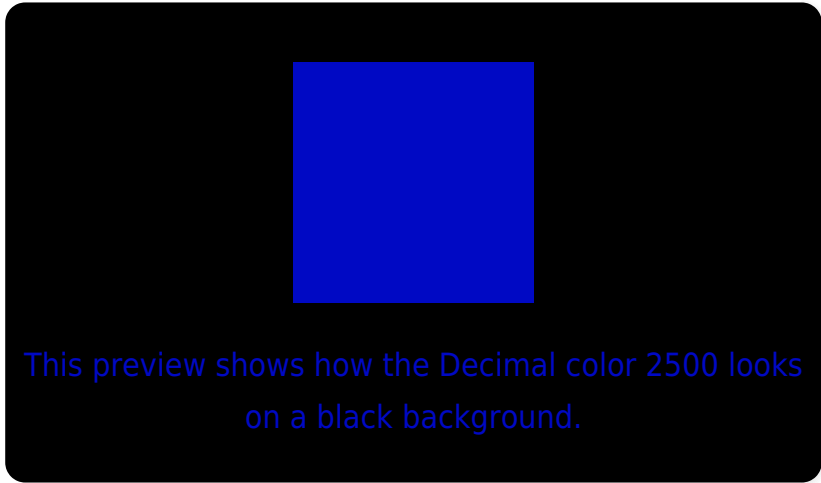
Large Text (above 18pt) WCAG AA ✓ Pass

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

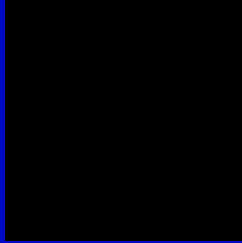
Any Text WCAG AA × Fail

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 2500 Background



This preview shows how black text looks on a background with the Decimal color 2500.

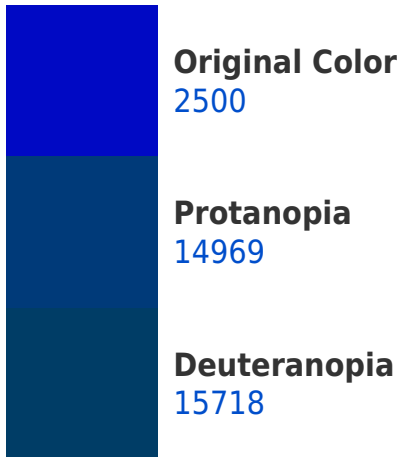


This preview shows how white text looks on a background with the Decimal color 2500.

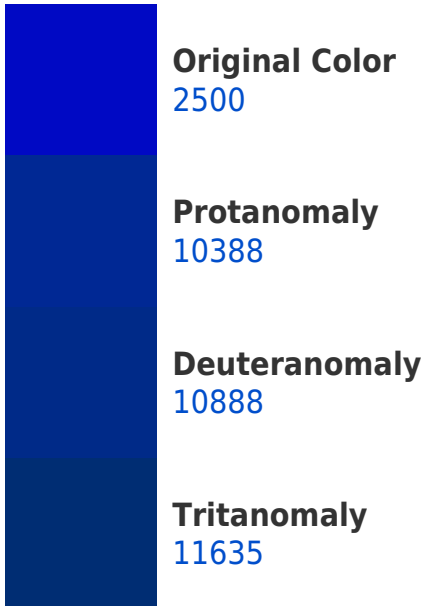
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2500 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 #0009C4 looks like.

```
.text, #text, p{  
    color:#0009C4  
}
```

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 #0009C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0009C4
}
```

Border

The CSS property to change the border of an element to Decimal 2500 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
#0009C4 }
```

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

```
.border{ border-color:#0009C4 }
```

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

Here you see how a box with a 4 pixel #0009C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0009C4; -webkit-box-shadow:4px 4px  
4px 4px #0009C4; box-shadow:4px 4px 4px  
4px #0009C4 }
```

Background

The CSS property to change the background color of an element to Decimal 2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0009C4 }
```

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

```
.background{ background-color:#0009C4 }
```

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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