

Converting Colors

Decimal(2490562)

Have a look what the booklet for
Decimal(2490562) contains.

Decimal(2490562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(2490562)

Conversions

Conversions Part 1

Format	Color
Hex	2600C2
RGB	38, 0, 194
RGB Percent	15%, 0%, 76%
CMY	0.8510, 1.0000, 0.2392
CMYK	0.80, 1.00, 0.00, 0.24
HSL	252°, 100%, 38%
HSV	252°, 100%, 76%
XYZ	10.5369, 4.3071, 51.3149
YIQ	33.4780, -39.6260, 68.3900

Conversions

Conversions Part 2

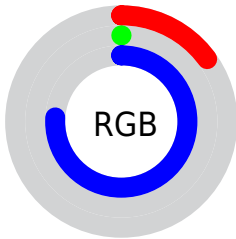
Format	Color
RYB	38, 0, 194
Decimal	2490562
CIELab	24.66, 64.93, -85.53
CIElCh	25, 107.386, 307.201
Yxy	4.3071, 0.1593, 0.0651
Android (android.graphics.Color)	4280680642 (0xFF2600C2)
YUV	33.4780, 79.1373, 3.9658
Hunter-Lab	20.7536, 54.3086, -132.0719

Details

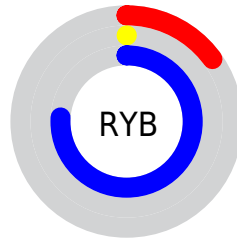
The Decimal color **2490562** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **10273280**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **7553276**, and **139** is the 20% darker color. If you saturate the color by 10%, you get **2490562**, and if you desaturate by 10%, it is **3544002**.

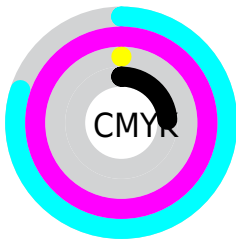
Distribution



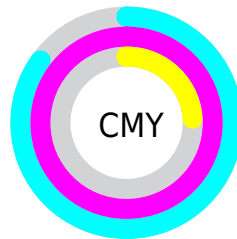
- Red (15%)
- Green (0%)
- Blue (76%)



- Red (15%)
- Yellow (0%)
- Blue (76%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)





















- Cyan (85%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2490562 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 2490562 by changing the saturation by 10% instead.

 2490562	 2490562
 16777215	 166
 7553276	 139
 9657087	 112
 11695615	 3158
 13734143	 1598
 15772671	 807
 16763135	 273
 16770303	 0

 2490562

■ 3544002

■ 4532162

■ 5585602

■ 6573762

■ 7627202

■ 8680642

■ 9668802

■ 10722242

■ 11710402

Harmonies

Analogous

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



18405



2490562



10420348

Triad

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



2490562



7803136



21069

Complementary

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



2490562



10273280

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.



20224



2490562



3620608

Square

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



2490562



10747904



19200



21919

Rectangle

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



2490562



11862087



19200



20785

Sweetspot

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



2490562



12628476



40642



5984896



0



8421504

Same Dimension

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



2490562



3211516



8716482



5855073



2031777



393249

Inverse Universe

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



12714140



16515275



4047360



6379359



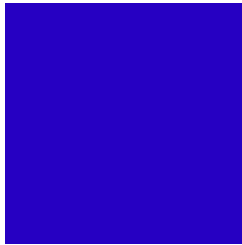
10551425



2162715

Previews

White Background



This preview shows how the Decimal color 2490562 looks on a white background.

Color Contrast Check

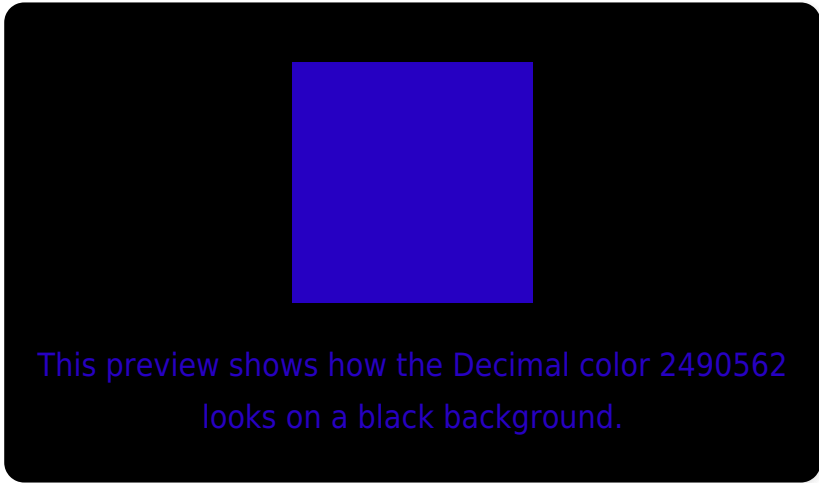
Large Text (above 18pt) WCAG AA ✓ Pass

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

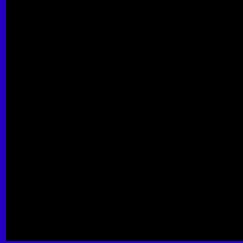
Any Text WCAG AA × Fail

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 2490562 Background



This preview shows how black text looks on a background with the Decimal color 2490562.



This preview shows how white text looks on a background with the Decimal color 2490562.

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
2490562

Protanopia
15227

Deuteranopia
16233

Trichromacy



Original Color
2490562

Protanomaly
927381

Deuteranomaly
927881

Monochromacy



Original Color
2490562

Achromatopsia
2171169

Achromatomaly
2299228

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2490562 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 #2600C2 looks like.

```
.text, #text, p{  
  color:#2600C2  
}
```

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 #2600C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2600C2
}
```

Border

The CSS property to change the border of an element to Decimal 2490562 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
#2600C2 }
```

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

```
.border{ border-color:#2600C2 }
```

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

Here you see how a box with a 4 pixel #2600C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2600C2; -webkit-box-shadow:4px 4px  
4px 4px #2600C2; box-shadow:4px 4px 4px  
4px #2600C2 }
```

Background

The CSS property to change the background color of an element to Decimal 2490562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2600C2 }
```

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

```
.background{ background-color:#2600C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor