

Converting Colors

Decimal(4459253)

Have a look what the booklet for
Decimal(4459253) contains.

Decimal(4459253)	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>	29

Color

Decimal(4459253)

Conversions

Conversions Part 1

Format	Color
Hex	440AF5
RGB	68, 10, 245
RGB Percent	27%, 4%, 96%
CMY	0.7333, 0.9608, 0.0392
CMYK	0.72, 0.96, 0.00, 0.04
HSL	255°, 92%, 50%
HSV	255°, 96%, 96%
XYZ	18.9739, 8.0386, 86.9378
YIQ	54.1320, -40.8670, 85.3810

Conversions

Conversions Part 2

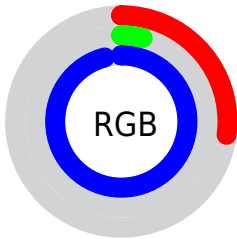
Format	Color
R _Y B	68, 10, 245
Decimal	4459253
CIE Lab	34.06, 76.43, -99.23
CIE LCh	34, 125.251, 307.605
Yxy	8.0386, 0.1665, 0.0705
Android (android.graphics.Color)	4282649333 (0xFF440AF5)
YUV	54.1320, 94.0979, 12.1622
Hunter-Lab	28.3524, 69.8382, -161.9558

Details

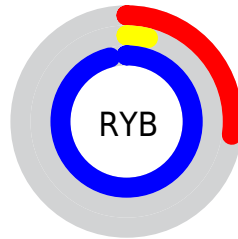
The Decimal color **4459253** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **12317962**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **9391615**, and **187** is the 20% darker color. If you saturate the color by 10%, you get **3932405**, and if you desaturate by 10%, it is **5645045**.

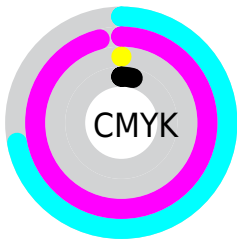
Distribution



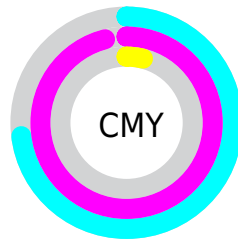
- Red (27%)
- Green (4%)
- Blue (96%)



- Red (27%)
- Yellow (4%)
- Blue (96%)



- Cyan (72%)
- Magenta (96%)
- Yellow (0%)
- Black (4%)



- Cyan (73%)
- Magenta (96%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4459253 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 4459253 by changing the saturation by 10% instead.

■ 4459253

■ 4459253

16777215

■ 216

■ 9391615

■ 187

■ 11561471

■ 159

■ 13665535

■ 131

■ 15835391

■ 3177

■ 16760319

■ 2640

■ 16767743

■ 1336

■ 16775167

■ 545

■ 7

■ 4459253

■ 4459253

■ 3932405

■ 5645045

■ 6896629

■ 8082677

■ 9334005

■ 10519797

■ 11771381

■ 12957429

■ 14208757

■ 15394805

Harmonies

Analogous

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



24319



4459253



13435039

Triad

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



4459253



10166784



28009

Complementary

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



4459253



12317962

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.



27136



4459253



4937216

Square

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



4459253



13762560



25856



28876

Rectangle

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



4459253



15138910



25856



27718

Sweetspot

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



4459253



13088255



704245



6181760



0



8421504

Same Dimension

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



4459253



4129023



11930357



7433850



3014842



917563

Inverse Universe

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



16059067



16711872



4846858



8023671



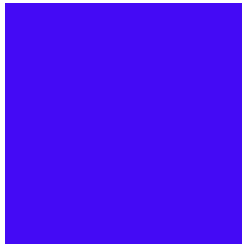
12189836



3866668

Previews

White Background



This preview shows how the Decimal color 4459253 looks on a white background.

Color Contrast Check

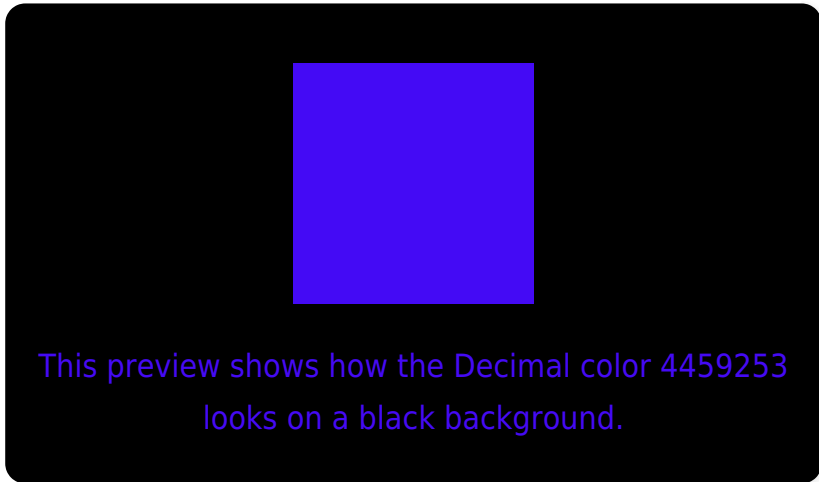
Large Text (above 18pt) WCAG AA ✓ Pass

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 4459253 Background



This preview shows how black text looks on a background with the Decimal color 4459253.

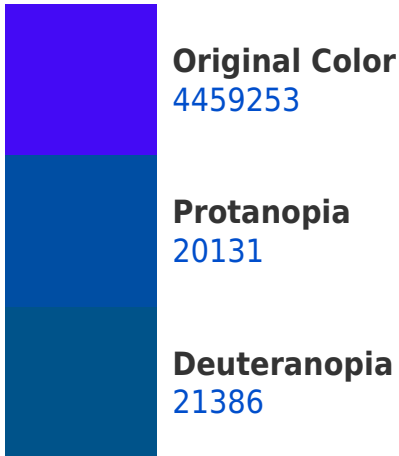


This preview shows how white text looks on a background with the Decimal color 4459253.

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



Original Color
4459253

Protanomaly
1652161

Deuteranomaly
1652913

Tritanomaly
1653909

Monochromacy



Original Color
4459253

Achromatopsia
3552822

Achromatomaly
3876475

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4459253 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 #440AF5 looks like.

```
.text, #text, p{  
    color:#440AF5  
}
```

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 #440AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440AF5
}
```

Border

The CSS property to change the border of an element to Decimal 4459253 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
#440AF5 }
```

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

```
.border{ border-color:#440AF5 }
```

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

Here you see how a box with a 4 pixel #440AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440AF5; -webkit-box-shadow:4px 4px  
4px 4px #440AF5; box-shadow:4px 4px 4px  
4px #440AF5 }
```

Background

The CSS property to change the background color of an element to Decimal 4459253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440AF5 }
```

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

```
.background{ background-color:#440AF5 }
```

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