

Converting Colors

Decimal(7626979)

Have a look what the booklet for
Decimal(7626979) contains.

Decimal(7626979)	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(7626979)

Conversions

Conversions Part 1

Format	Color
Hex	7460E3
RGB	116, 96, 227
RGB Percent	45%, 38%, 89%
CMY	0.5451, 0.6235, 0.1098
CMYK	0.49, 0.58, 0.00, 0.11
HSL	249°, 70%, 63%
HSV	249°, 58%, 89%
XYZ	25.2505, 17.6248, 74.7441
YIQ	116.9140, -30.1310, 44.9810

Conversions

Conversions Part 2

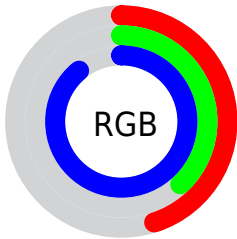
Format	Color
R _Y B	116, 96, 227
Decimal	7626979
CIE Lab	49.04, 41.09, -64.29
CIE LCh	49, 76.303, 302.582
Yxy	17.6248, 0.2147, 0.1498
Android (android.graphics.Color)	4285817059 (0xFF7460E3)
YUV	116.9140, 54.2724, -0.8016
Hunter-Lab	41.9819, 33.8924, -76.1720

Details

The Decimal color **7626979** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **13624160**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **11506687**, and **3551403** is the 20% darker color. If you saturate the color by 10%, you get **6375907**, and if you desaturate by 10%, it is **8878051**.

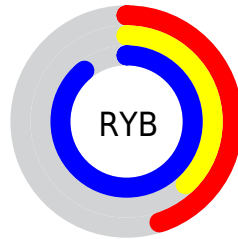
Distribution



Red (45%)

Green (38%)

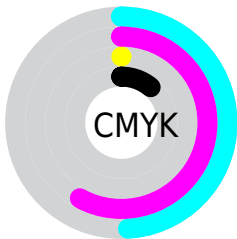
Blue (89%)



Red (45%)

Yellow (38%)

Blue (89%)

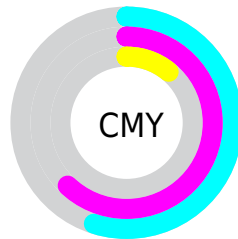


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7626979 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 7626979 by changing the saturation by 10% instead.

■ 7626979

■ 7626979

16777215

■ 5654726

■ 11506687

■ 3551403

■ 13414143

■ 137871

■ 15387391

■ 1397

■ 16770815

■ 92

■ 1859

■ 812

■ 278

■ 0

 7626979


 7626979

 6375907

 8878051

 5125091

 10128867

 3808483

 11445475

 2557411

 12696547

 2293987

 13947619

 15198435

 16515043

 16777187

Harmonies

Analogous

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



31992



7626979



12859313

Triad

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



7626979



12278016



36729

Complementary

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



7626979



13624160

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.



35892



7626979



9008128

Square

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



7626979



14430515



4555776



36793

Rectangle

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



7626979



14423944



4555776



36706

Sweetspot

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



7626979



14341375



6344675



6973056



0



8421504

Same Dimension

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



7626979



6967295



11886819



6907763



1769651



524339

Inverse Universe

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



14901455



16732132



9364320



7563121



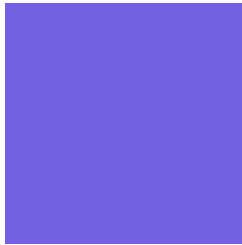
11731095



3342379

Previews

White Background



This preview shows how the Decimal color 7626979 looks on a white background.

Color Contrast Check

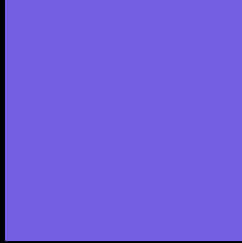
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7626979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

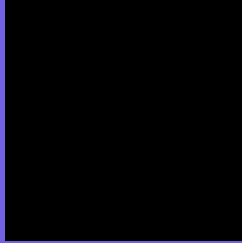
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 7626979 Background



This preview shows how black text looks on a background with the Decimal color 7626979.

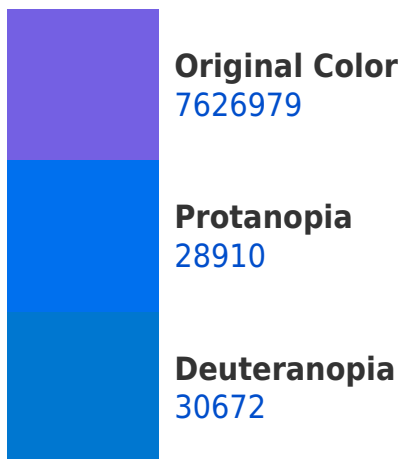



This preview shows how white text looks on a background with the Decimal color 7626979.

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](#).

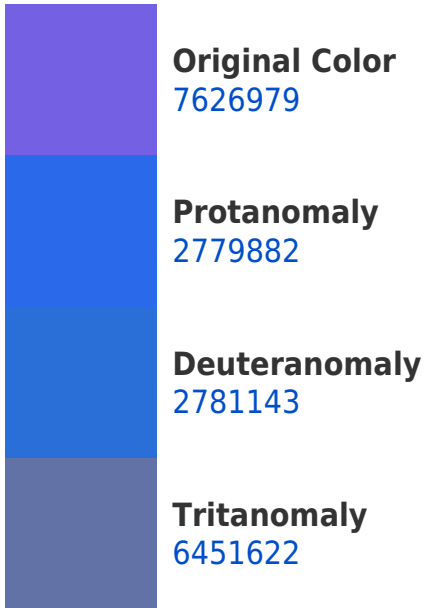
Dichromacy





Tritanopia
5798531

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7626979 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 #7460E3 looks like.

```
.text, #text, p{  
    color:#7460E3  
}
```

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 #7460E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7460E3
}
```

Border

The CSS property to change the border of an element to Decimal 7626979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

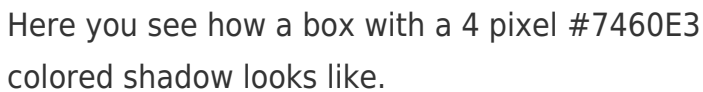
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7460E3 }
```

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

```
.border{ border-color:#7460E3 }
```

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



Here you see how a box with a 4 pixel #7460E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7460E3; -webkit-box-shadow:4px 4px  
4px 4px #7460E3; box-shadow:4px 4px 4px  
4px #7460E3 }
```

Background

The CSS property to change the background color of an element to Decimal 7626979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7460E3 }
```

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

```
.background{ background-color:#7460E3 }
```

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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