

Converting Colors

Decimal(7624653)

Have a look what the booklet for
Decimal(7624653) contains.

Decimal(7624653)	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(7624653)

Conversions

Conversions Part 1

Format	Color
Hex	7457CD
RGB	116, 87, 205
RGB Percent	45%, 34%, 80%
CMY	0.5451, 0.6588, 0.1961
CMYK	0.43, 0.58, 0.00, 0.20
HSL	255°, 54%, 57%
HSV	255°, 58%, 80%
XYZ	21.6301, 14.9372, 59.5007
YIQ	109.1230, -20.5940, 42.8460

Conversions

Conversions Part 2

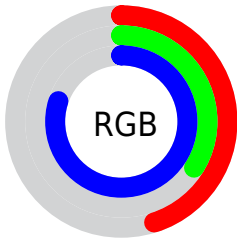
Format	Color
R_{YB}	116, 87, 205
Decimal	7624653
CIE _{Lab}	45.55, 39.97, -57.40
CIE _{LCh}	46, 69.942, 304.854
Yxy	14.9372, 0.2252, 0.1555
Android (android.graphics.Color)	4285814733 (0xFF7457CD)
YUV	109.1230, 47.2674, 6.0311
Hunter-Lab	38.6486, 32.2642, -64.2247

Details

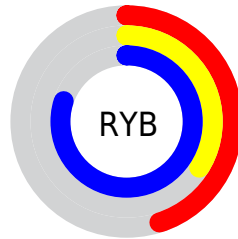
The Decimal color **7624653** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **11586903**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **11373311**, and **3811478** is the 20% darker color. If you saturate the color by 10%, you get **6636237**, and if you desaturate by 10%, it is **8613069**.

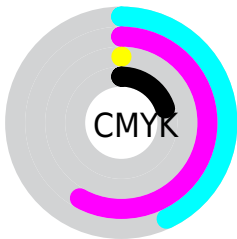
Distribution



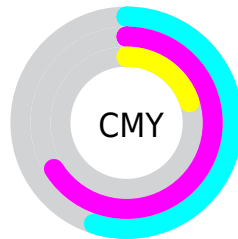
- Red (45%)
- Green (34%)
- Blue (80%)



- Red (45%)
- Yellow (34%)
- Blue (80%)



- Cyan (43%)
- Magenta (58%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (66%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7624653 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 7624653 by changing the saturation by 10% instead.

 7624653

 7624653

16777215


 5783473

 11373311

 3811478

 13280511

 1511803

 15188223

 98

 16768255

 73

 16775679

 1073

 284

 0

 7624653

 7624653

■ 6636237

■ 8613069

■ 5582541

■ 9666765

■ 4594381

■ 10655181

■ 3540429

■ 11708877

■ 3277005

■ 12697293

■ 13750989

■ 14739405

■ 15793101

■ 16777165

Harmonies

Analogous

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



29154



7624653



12006303

Triad

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



7624653



11097344



34164

Complementary

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



7624653



11586903

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.



33334



7624653



8088832

Square

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



7624653



13120556



3898112



33966

Rectangle

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



7624653



13311097



3898112



33888

Sweetspot

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



7624653



14603519



5747149



7104128



0



8421504

Same Dimension

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



7624653



8015871



11425741



6184038



2687142



589862

Inverse Universe

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



13457328



16732116



7785815



6708323



10879101



2490397

Previews

White Background



This preview shows how the Decimal color 7624653 looks on a white background.

Color Contrast Check

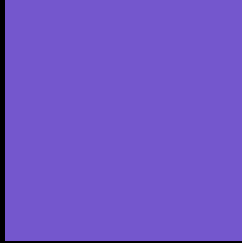
Large Text (above 18pt) WCAG AA ✓ Pass

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 7624653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

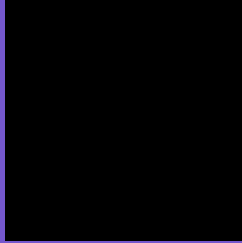
Any Text WCAG AA × Fail

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 7624653 Background



This preview shows how black text looks on a background with the Decimal color 7624653.

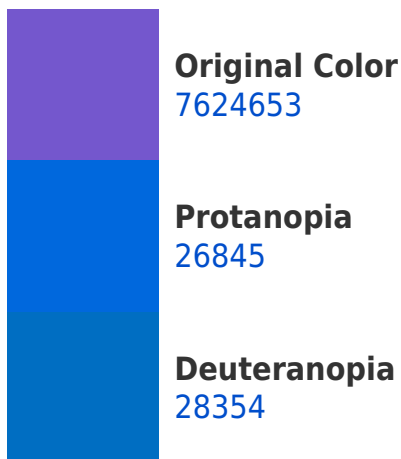


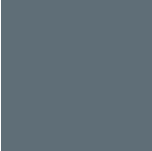
This preview shows how white text looks on a background with the Decimal color 7624653.

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
6254199

Trichromacy



Original Color
7624653



Protanomaly
2777815



Deuteranomaly
2778822



Tritanomaly
6776470

Monochromacy



Original Color
7624653



Achromatopsia
7171437



Achromatomaly
7366032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7624653 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 #7457CD looks like.

```
.text, #text, p{  
    color:#7457CD  
}
```

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 #7457CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7457CD
}
```

Border

The CSS property to change the border of an element to Decimal 7624653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

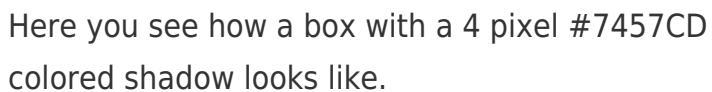
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7457CD }
```

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

```
.border{ border-color:#7457CD }
```

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



Here you see how a box with a 4 pixel `#7457CD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7457CD; -webkit-box-shadow:4px 4px  
4px 4px #7457CD; box-shadow:4px 4px 4px  
4px #7457CD }
```

Background

The CSS property to change the background color of an element to Decimal 7624653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7457CD }
```

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

```
.background{ background-color:#7457CD }
```

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