

Converting Colors

Decimal(7620458)

Have a look what the booklet for
Decimal(7620458) contains.

Decimal(7620458)	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(7620458)

Conversions

Conversions Part 1

Format	Color
Hex	74476A
RGB	116, 71, 106
RGB Percent	45%, 28%, 42%
CMY	0.5451, 0.7216, 0.5843
CMYK	0.00, 0.39, 0.09, 0.55
HSL	313°, 24%, 37%
HSV	313°, 39%, 45%
XYZ	12.0572, 9.2601, 14.7876
YIQ	88.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

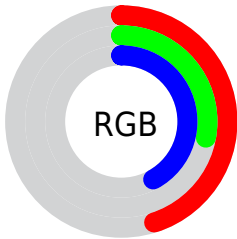
Format	Color
R_{YB}	116, 71, 106
Decimal	7620458
CIE _{Lab}	36.48, 25.02, -12.32
CIE _{LCh}	36, 27.891, 333.786
Yxy	9.2601, 0.3339, 0.2565
Android (android.graphics.Color)	4285810538 (0xFF74476A)
YUV	88.4450, 8.6546, 24.1657
Hunter-Lab	30.4304, 17.4726, -7.5105

Details

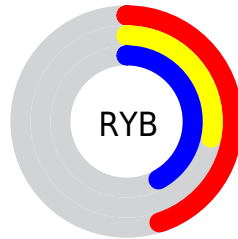
The Decimal color **7620458** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4682833**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **11106461**, and **4397371** is the 20% darker color. If you saturate the color by 10%, you get **7617383**, and if you desaturate by 10%, it is **7623533**.

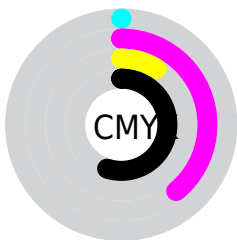
Distribution



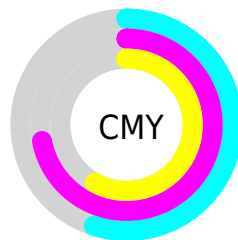
- Red (45%)
- Green (28%)
- Blue (42%)



- Red (45%)
- Yellow (28%)
- Blue (42%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7620458 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 7620458 by changing the saturation by 10% instead.

■ 7620458

■ 7620458

16777215

■ 5976146

■ 11106461

■ 4397371

■ 12882616

■ 2818853

■ 14790100

■ 1114127

■ 16697840

■ 0

■ 16770559

■ 7620458

■ 7620458

■ 7617383

■ 7623533

■ 7614565

■ 7626351

7611490

7629426

7608672

7632244

7605597

7635319

7602523

7638393

7602266

7641212

7644287

7647105

Harmonies

Analogous

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



6049659



7620458



8405844

Triad

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



7620458



6378792



24942

Complementary

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



7620458



4682833

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.



24920



7620458



4807727

Square

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



7620458



7556654



2973761



23934

Rectangle

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



7620458



8406341



2973761



24935

Sweetspot

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



7620458



9864338



5326708



5063242



13421772



5066061

Same Dimension

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



7620458



9851015



7620436



3880249



7995487



16384194

Inverse Universe

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



7620458



9851015



4682855



3880249



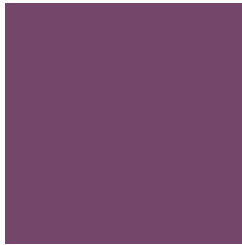
7995487



16384194

Previews

White Background



This preview shows how the Decimal color 7620458 looks on a white background.

Color Contrast Check

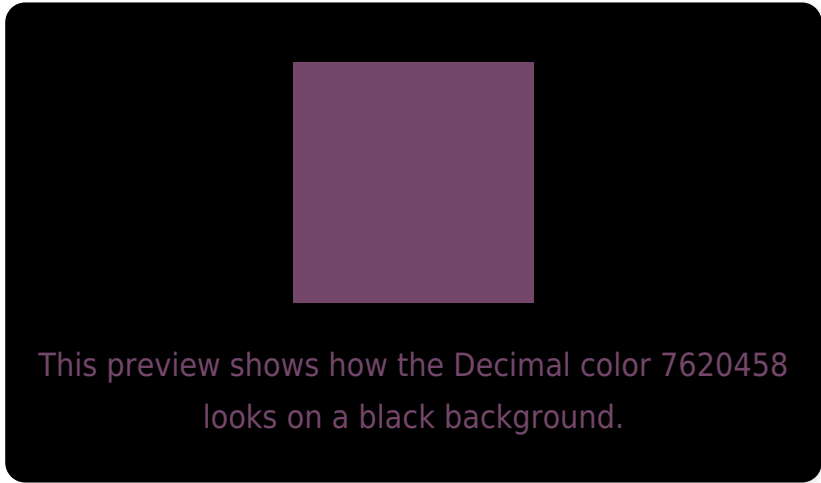
Large Text (above 18pt) WCAG AA ✓ Pass

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

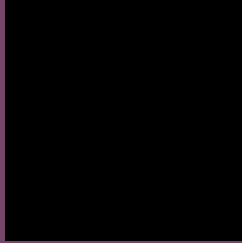
Any Text WCAG AA × Fail

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 7620458 Background



This preview shows how black text looks on a background with the Decimal color 7620458.



This preview shows how white text looks on a background with the Decimal color 7620458.

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
7620458

Protanopia
5068148

Deuteranopia
5657704



Tritanopia
7425106

Trichromacy



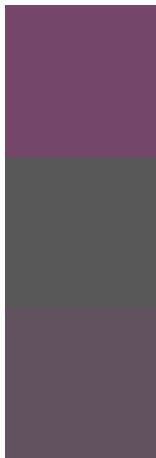
Original Color
7620458

Protanomaly
5984368

Deuteranomaly
6377321

Tritanomaly
7490139

Monochromacy



Original Color
7620458

Achromatopsia
5789784

Achromatomaly
6443615

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7620458 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 #74476A looks like.

```
.text, #text, p{  
    color:#74476A  
}
```

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 #74476A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74476A
}
```

Border

The CSS property to change the border of an element to Decimal 7620458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

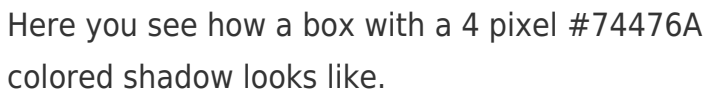
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74476A }
```

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

```
.border{ border-color:#74476A }
```

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



Here you see how a box with a 4 pixel #74476A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74476A; -webkit-box-shadow:4px 4px  
4px 4px #74476A; box-shadow:4px 4px 4px  
4px #74476A }
```

Background

The CSS property to change the background color of an element to Decimal 7620458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74476A }
```

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

```
.background{ background-color:#74476A }
```

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