

Converting Colors

Decimal(7616477)

Have a look what the booklet for
Decimal(7616477) contains.

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Color

Decimal(7616477)

Conversions

Conversions Part 1

Format	Color
Hex	7437DD
RGB	116, 55, 221
RGB Percent	45%, 22%, 87%
CMY	0.5451, 0.7843, 0.1333
CMYK	0.48, 0.75, 0.00, 0.13
HSL	262°, 71%, 54%
HSV	262°, 75%, 87%
XYZ	21.6198, 11.6658, 69.5189
YIQ	92.1630, -16.9300, 64.5580

Conversions

Conversions Part 2

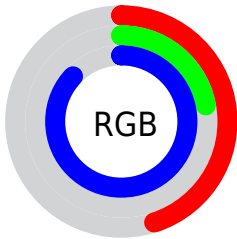
Format	Color
R_{YB}	116, 55, 221
Decimal	7616477
CIE _{Lab}	40.68, 60.91, -74.49
CIE _{LCh}	41, 96.223, 309.269
Yxy	11.6658, 0.2103, 0.1135
Android (android.graphics.Color)	4285806557 (0xFF7437DD)
YUV	92.1630, 63.5166, 20.9050
Hunter-Lab	34.1553, 53.2161, -96.7687

Details

The Decimal color **7616477** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **10542391**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **11562239**, and **3342501** is the 20% darker color. If you saturate the color by 10%, you get **6693341**, and if you desaturate by 10%, it is **8539613**.

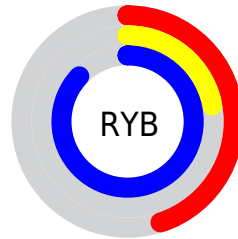
Distribution



Red (45%)

Green (22%)

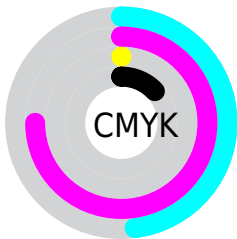
Blue (87%)



Red (45%)

Yellow (22%)

Blue (87%)

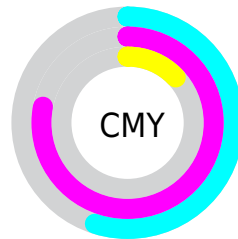


Cyan (48%)

Magenta (75%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (78%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7616477 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 7616477 by changing the saturation by 10% instead.

 7616477

 7616477

16777215

 5577408

 11562239

 3342501

 13535231

 137

 15573759

 111

 16760575

 85

 16767999

 1597

 16775423

 806

 271

 0

■ 7616477

■ 7616477

■ 6693341

■ 8539613

■ 5770205

■ 9462749

■ 5308637

■ 10385885

■ 11309021

■ 12232413

■ 13155549

■ 14078685

■ 15001821

■ 15924957

Harmonies

Analogous

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



26111



7616477



13172890

Triad

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



7616477



10503424



31864

Complementary

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



7616477



10542391

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.



31265



7616477



6317312

Square

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



7616477



13500416



29696



32196

Rectangle

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



7616477



14549094



29696



31836

Sweetspot

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



7616477



14337279



3645661



6904960



0



8421504

Same Dimension

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



7616477



7215615



13055965



6775662



4194477



1114158

Inverse Universe

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



14497696



16718251



5102903



7234410



11337838



3014685

Previews

White Background



This preview shows how the Decimal color 7616477 looks on a white background.

Color Contrast Check

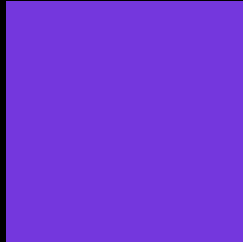
Large Text (above 18pt) WCAG AA ✓ Pass

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 7616477 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 7616477 Background



This preview shows how black text looks on a background with the Decimal color 7616477.

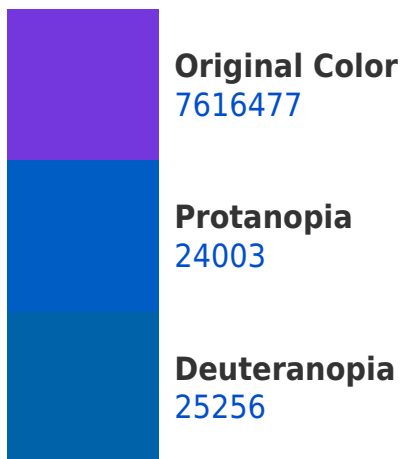


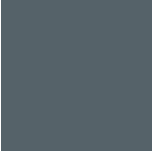
This preview shows how white text looks on a background with the Decimal color 7616477.

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
5595753

Trichromacy



Original Color

7616477



Protanomaly

2772940



Deuteranomaly

2773691



Tritanomaly

6312595

Monochromacy



Original Color

7616477



Achromatopsia

6052956



Achromatomaly

6639499

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7616477 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 #7437DD looks like.

```
.text, #text, p{  
    color:#7437DD  
}
```

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 #7437DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7437DD
}
```

Border

The CSS property to change the border of an element to Decimal 7616477 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
#7437DD }
```

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

```
.border{ border-color:#7437DD }
```

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

Here you see how a box with a 4 pixel #7437DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7437DD; -webkit-box-shadow:4px 4px  
4px 4px #7437DD; box-shadow:4px 4px 4px  
4px #7437DD }
```

Background

The CSS property to change the background color of an element to Decimal 7616477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7437DD }
```

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

```
.background{ background-color:#7437DD }
```

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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