

Converting Colors

Decimal(7840024)

Have a look what the booklet for
Decimal(7840024) contains.

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Color

Decimal(7840024)

Conversions

Conversions Part 1

Format	Color
Hex	77A118
RGB	119, 161, 24
RGB Percent	47%, 63%, 9%
CMY	0.5333, 0.3686, 0.9059
CMYK	0.26, 0.00, 0.85, 0.37
HSL	78°, 74%, 36%
HSV	78°, 85%, 63%
XYZ	20.5175, 29.4776, 5.4725
YIQ	132.8240, 18.9450, -51.5110

Conversions

Conversions Part 2

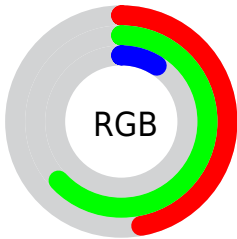
Format	Color
R_{YB}	24, 161, 66
Decimal	7840024
CIE _{Lab}	61.20, -32.82, 59.30
CIE _{LCh}	61, 67.775, 118.967
Yxy	29.4776, 0.3699, 0.5314
Android (android.graphics.Color)	4286030104 (0xFF77A118)
YUV	132.8240, -53.6502, -12.1236
Hunter-Lab	54.2933, -27.5580, 32.0291

Details

The Decimal color **7840024** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4331681**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **11524179**, and **4287744** is the 20% darker color. If you saturate the color by 10%, you get **7512328**, and if you desaturate by 10%, it is **8167720**.

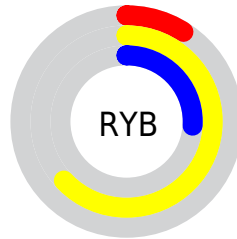
Distribution



Red (47%)

Green (63%)

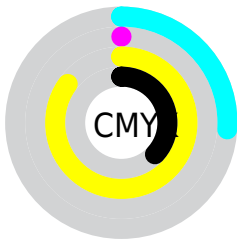
Blue (9%)



Red (9%)

Yellow (63%)

Blue (26%)

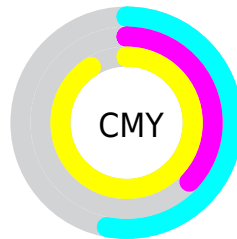


Cyan (26%)

Magenta (0%)

Yellow (85%)

Black (37%)



Cyan (53%)

Magenta (37%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7840024 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 7840024 by changing the saturation by 10% instead.

 7840024

 7840024

16777215

 6063872

 11524179

 4287744

 13432174

 2446592

 15335306

 81152

 16777125

 9984


 16777154

 2048

 16777182

 0

 16777212

 7840024

 7840024

■ 7512328

■ 8167720

■ 7381248

■ 8495416

■ 8823112

■ 9150808

■ 9478504

■ 9806201

■ 10133897

■ 10396057

■ 10723753

Harmonies

Analogous

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



11702272



7840024



43858

Triad

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



7840024



43514



16471704

Complementary

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



7840024



4331681

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.



14248402



7840024



40191

Square

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



7840024



45004



9274877



16473949

Rectangle

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



7840024



44667



9274877



16013997

Sweetspot

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



7840024



12636571



10567960



6252872



15263976



6908265

Same Dimension

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



7840024



9556224



3383576



5198409



6656256



791040

Inverse Universe

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



4331681



4194513



8788129



4999506



2949265



327698

Previews

White Background



This preview shows how the Decimal color 7840024 looks on a white background.

Color Contrast Check

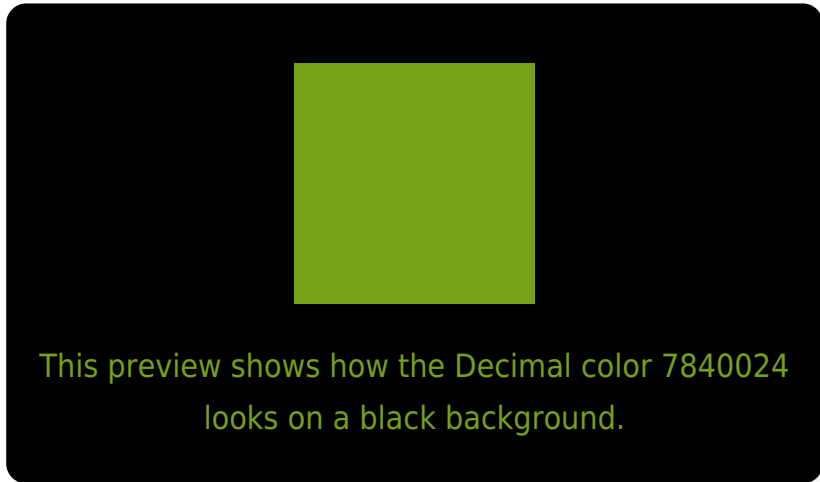
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 7840024 Background



This preview shows how black text looks on a background with the Decimal color 7840024.



This preview shows how white text looks on a background with the Decimal color 7840024.

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
7840024

Protanomaly
9804053

Deuteranomaly
10589216

Tritanomaly
8428144

Monochromacy



Original Color
7840024

Achromatopsia
8750469

Achromatomaly
8425309

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7840024 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 #77A118 looks like.

```
.text, #text, p{  
    color:#77A118  
}
```

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 #77A118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A118
}
```

Border

The CSS property to change the border of an element to Decimal 7840024 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
#77A118 }
```

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

```
.border{ border-color:#77A118 }
```

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

Here you see how a box with a 4 pixel #77A118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A118; -webkit-box-shadow:4px 4px  
4px 4px #77A118; box-shadow:4px 4px 4px  
4px #77A118 }
```

Background

The CSS property to change the background color of an element to Decimal 7840024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A118 }
```

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

```
.background{ background-color:#77A118 }
```

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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