

Converting Colors

Decimal(7576416)

Have a look what the booklet for
Decimal(7576416) contains.

Decimal(7576416)	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(7576416)

Conversions

Conversions Part 1

Format	Color
Hex	739B60
RGB	115, 155, 96
RGB Percent	45%, 61%, 38%
CMY	0.5490, 0.3922, 0.6235
CMYK	0.26, 0.00, 0.38, 0.39
HSL	101°, 24%, 49%
HSV	101°, 38%, 61%
XYZ	20.9029, 27.9321, 15.3561
YIQ	136.3140, -4.9010, -26.8290

Conversions

Conversions Part 2

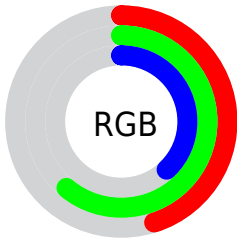
Format	Color
RYB	96, 155, 136
Decimal	7576416
CIELab	59.83, -25.04, 26.63
CIELCh	60, 36.553, 133.232
Yxy	27.9321, 0.3256, 0.4351
Android (android.graphics.Color)	4285766496 (0xFF739B60)
YUV	136.3140, -19.8748, -18.6924
Hunter-Lab	52.8508, -21.8907, 19.7685

Details

The Decimal color **7576416** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8937627**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **11063955**, and **4286512** is the 20% darker color. If you saturate the color by 10%, you get **6855504**, and if you desaturate by 10%, it is **8297327**.

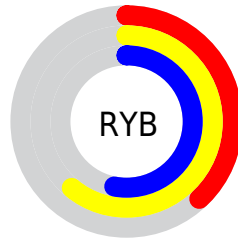
Distribution



Red (45%)

Green (61%)

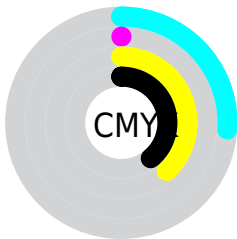
Blue (38%)



Red (38%)

Yellow (61%)

Blue (53%)

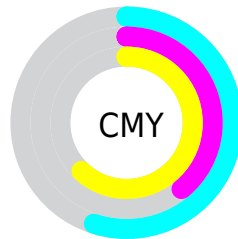


Cyan (26%)

Magenta (0%)

Yellow (38%)

Black (39%)



Cyan (55%)

Magenta (39%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7576416 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 7576416 by changing the saturation by 10% instead.



7576416



7576416

16777215



5931336



11063955



4286512



12906158



2707226



14745546



1128450



16646118



8960



0



7576416



7576416



6855504



8297327



6200129



8952703

■ 5479217

■ 9673615

■ 4823842

■ 10328990

■ 4102931

■ 11049901

■ 3447555

■ 11705277

■ 3316480

■ 12426188

■ 13081564

■ 13802476

Harmonies

Analogous

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



9933648



7576416



4759677

Triad

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



7576416



3774925



13531011

Complementary

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



7576416



8937627

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.



12810660



7576416



7900879

Square

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



7576416



40891



10912447



13139302

Rectangle

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



7576416



2204051



10912447



13465230

Sweetspot

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



7576416



12241331



10192736



6121049



15132390



6710886

Same Dimension

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



7576416



9161069



6331242



4672837



2984960



265472

Inverse Universe

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



8937627



11300297



10182801



4867405



6226060



589837

Previews

White Background



This preview shows how the Decimal color 7576416 looks on a white background.

Color Contrast Check

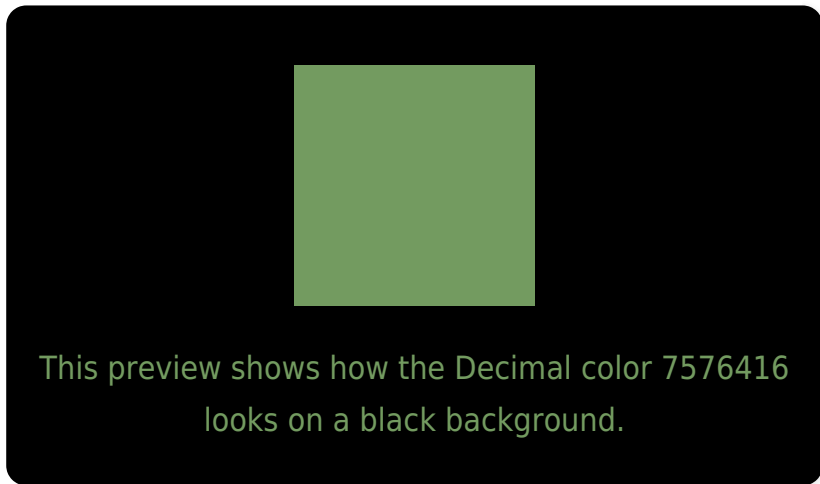
Large Text (above 18pt) WCAG AA ✓ Pass

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 7576416 Background



This preview shows how black text looks on a background with the Decimal color 7576416.



This preview shows how white text looks on a background with the Decimal color 7576416.

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
8229791

Trichromacy



Original Color
7576416

Protanomaly
9278557

Deuteranomaly
9932899

Tritanomaly
7968392

Monochromacy



Original Color
7576416

Achromatopsia
8947848

Achromatomaly
8425337

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7576416 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 #739B60 looks like.

```
.text, #text, p{  
  color:#739B60  
}
```

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 #739B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #739B60
}
```

Border

The CSS property to change the border of an element to Decimal 7576416 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
#739B60 }
```

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

```
.border{ border-color:#739B60 }
```

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

Here you see how a box with a 4 pixel #739B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #739B60; -webkit-box-shadow:4px 4px  
4px 4px #739B60; box-shadow:4px 4px 4px  
4px #739B60 }
```

Background

The CSS property to change the background color of an element to Decimal 7576416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#739B60 }
```

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

```
.background{ background-color:#739B60 }
```

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