

Converting Colors

Decimal(7640680)

Have a look what the booklet for
Decimal(7640680) contains.

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Color

Decimal(7640680)

Conversions

Conversions Part 1

Format	Color
Hex	749668
RGB	116, 150, 104
RGB Percent	45%, 59%, 41%
CMY	0.5451, 0.4118, 0.5922
CMYK	0.23, 0.00, 0.31, 0.41
HSL	104°, 18%, 50%
HSV	104°, 31%, 59%
XYZ	20.6075, 26.5252, 17.1304
YIQ	134.5900, -5.4980, -21.5140

Conversions

Conversions Part 2

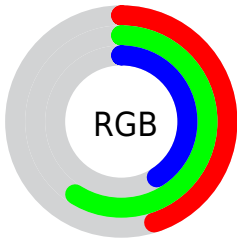
Format	Color
RYB	104, 150, 138
Decimal	7640680
CIELab	58.53, -20.88, 20.53
CIELCh	59, 29.288, 135.482
Yxy	26.5252, 0.3207, 0.4128
Android (android.graphics.Color)	4285830760 (0xFF749668)
YUV	134.5900, -15.0809, -16.3034
Hunter-Lab	51.5026, -18.7072, 16.3312

Details

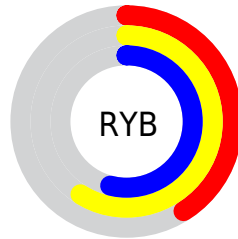
The Decimal color **7640680** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9070742**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **11127963**, and **4416312** is the 20% darker color. If you saturate the color by 10%, you get **6919769**, and if you desaturate by 10%, it is **8361591**.

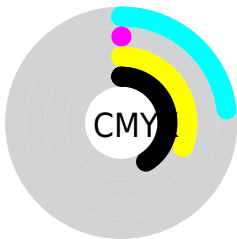
Distribution



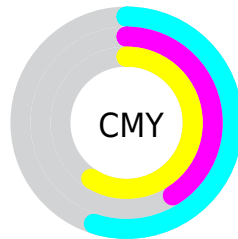
- Red (45%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (54%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7640680 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 7640680 by changing the saturation by 10% instead.



7640680



7640680

16777215



5995600



11127963



4416312



12904886



2837282



14745554



1324045



16646126



7936



0



7640680



7640680



6919769



8361591



6198858



9082502

■ 5477947

■ 9803413

■ 4757036

■ 10524324

■ 4036125

■ 11245235

■ 3249678

■ 12031682

■ 2594304

■ 12752593

■ 13473504

■ 14194415

Harmonies

Analogous

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



9539419



7640680



5610111

Triad

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



7640680



5673918



12614272

Complementary

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



7640680



9070742

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.



12024730



7640680



8293310

Square

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



7640680



3512497



10584497



12222057

Rectangle

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



7640680



4299665



10584497



12482953

Sweetspot

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



7640680



11911856



9865832



5857622



14737632



6381921

Same Dimension

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



7640680



9290362



6854259



4475459



2394624



199168

Inverse Universe

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



9070742



11500226



9857163



4735818



6684810



524298

Previews

White Background



This preview shows how the Decimal color 7640680 looks on a white background.

Color Contrast Check

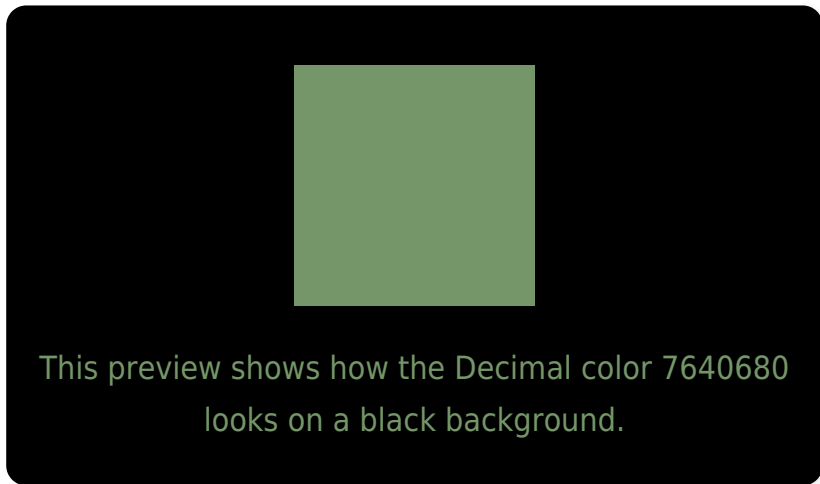
Large Text (above 18pt) WCAG AA ✓ Pass

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

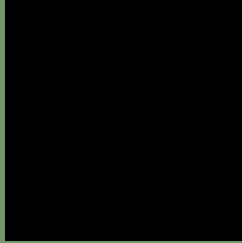
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

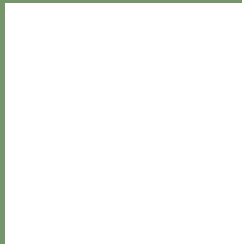
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 7640680 Background



This preview shows how black text looks on a background with the Decimal color 7640680.



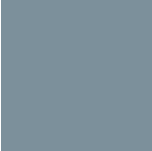
This preview shows how white text looks on a background with the Decimal color 7640680.

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
8163483

Trichromacy



Original Color
7640680

Protanomaly
9080933

Deuteranomaly
9669738

Tritanomaly
7967368

Monochromacy



Original Color
7640680

Achromatopsia
8882055

Achromatomaly
8424572

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7640680 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 #749668 looks like.

```
.text, #text, p{  
    color:#749668  
}
```

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 #749668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749668
}
```

Border

The CSS property to change the border of an element to Decimal 7640680 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
#749668 }
```

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

```
.border{ border-color:#749668 }
```

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

Here you see how a box with a 4 pixel #749668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749668; -webkit-box-shadow:4px 4px  
4px 4px #749668; box-shadow:4px 4px 4px  
4px #749668 }
```

Background

The CSS property to change the background color of an element to Decimal 7640680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749668 }
```

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

```
.background{ background-color:#749668 }
```

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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