

Converting Colors

Decimal(7650360)

Have a look what the booklet for
Decimal(7650360) contains.

Decimal(7650360)	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(7650360)

Conversions

Conversions Part 1

Format	Color
Hex	74BC38
RGB	116, 188, 56
RGB Percent	45%, 74%, 22%
CMY	0.5451, 0.2627, 0.7804
CMYK	0.38, 0.00, 0.70, 0.26
HSL	93°, 54%, 48%
HSV	93°, 70%, 74%
XYZ	25.8995, 39.9650, 10.0903
YIQ	151.4240, -0.5400, -56.3160

Conversions

Conversions Part 2

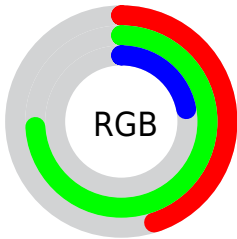
Format	Color
RYB	56, 188, 128
Decimal	7650360
CIELab	69.44, -44.14, 56.81
CIElCh	69, 71.944, 127.845
Yxy	39.9650, 0.3410, 0.5262
Android (android.graphics.Color)	4285840440 (0xFF74BC38)
YUV	151.4240, -47.0440, -31.0668
Hunter-Lab	63.2179, -37.5022, 34.7891

Details

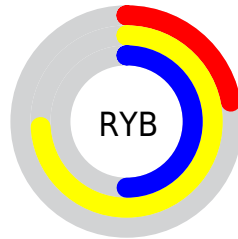
The Decimal color **7650360** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8403132**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **11400558**, and **3900928** is the 20% darker color. If you saturate the color by 10%, you get **6994981**, and if you desaturate by 10%, it is **8305739**.

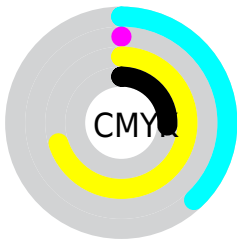
Distribution



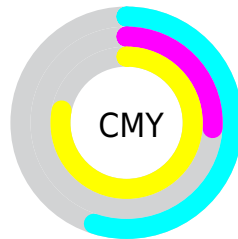
- Red (45%)
- Green (74%)
- Blue (22%)



- Red (22%)
- Yellow (74%)
- Blue (50%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)
- Black (26%)



- Cyan (55%)
- Magenta (26%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7650360 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 7650360 by changing the saturation by 10% instead.



7650360



7650360

16777215



5808409



11400558



3900928



13238154



1731584



15204261



21248



16777153



15104



16777182



9728



16777211



0



7650360



7650360



6994981



8305739

■ 6274066

■ 9026654

■ 5618688

■ 9682032

■ 10337411

■ 10992790

■ 11713705

■ 12369084

■ 13024462

■ 13679841

Harmonies

Analogous

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



12233732



7650360



50550

Triad

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



7650360



48895



16738459

Complementary

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



7650360



8403132

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.



16741596



7650360



1617151

Square

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



7650360



50936



12751103



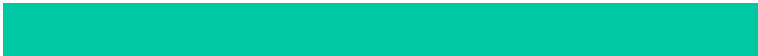
16742749

Rectangle

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



7650360



51363



12751103



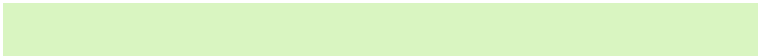
16738737

Sweetspot

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



7650360



14284225



12353080



6978140



16448250



8026746

Same Dimension

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



7650360



8779047



3718204



5856853



4759040



925440

Inverse Universe

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



8403132



9906165



12335288



5920094



5636254



1114143

Previews

White Background



This preview shows how the Decimal color 7650360 looks on a white background.

Color Contrast Check

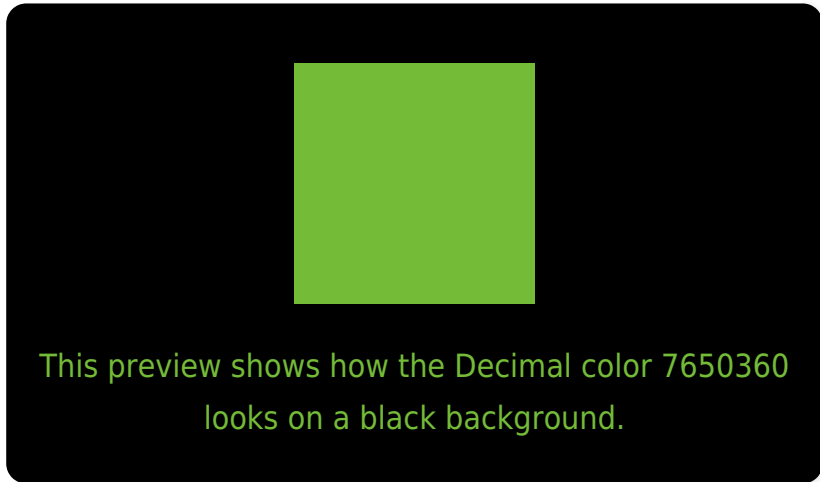
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Decimal 7650360 Background



This preview shows how black text looks on a background with the Decimal color 7650360.



This preview shows how white text looks on a background with the Decimal color 7650360.

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
8892606

Trichromacy



Original Color
7650360



Protanomaly
10661941



Deuteranomaly
11577918

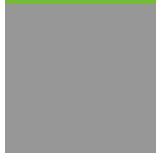


Tritanomaly
8434829

Monochromacy



Original Color
7650360



Achromatopsia
9934743



Achromatomaly
9086068

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7650360 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 #74BC38 looks like.

```
.text, #text, p{  
    color:#74BC38  
}
```

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 #74BC38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BC38
}
```

Border

The CSS property to change the border of an element to Decimal 7650360 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
#74BC38 }
```

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

```
.border{ border-color:#74BC38 }
```

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

Here you see how a box with a 4 pixel #74BC38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BC38; -webkit-box-shadow:4px 4px  
4px 4px #74BC38; box-shadow:4px 4px 4px  
4px #74BC38 }
```

Background

The CSS property to change the background color of an element to Decimal 7650360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BC38 }
```

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

```
.background{ background-color:#74BC38 }
```

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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