

Converting Colors

Decimal(763412)

Have a look what the booklet for
Decimal(763412) contains.

Decimal(763412)	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(763412)

Conversions

Conversions Part 1

Format	Color
Hex	0BA614
RGB	11, 166, 20
RGB Percent	4%, 65%, 8%
CMY	0.9569, 0.3490, 0.9216
CMYK	0.93, 0.00, 0.88, 0.35
HSL	123°, 88%, 35%
HSV	123°, 93%, 65%
XYZ	13.9005, 27.3941, 5.2168
YIQ	103.0110, -45.5140, -78.2660

Conversions

Conversions Part 2

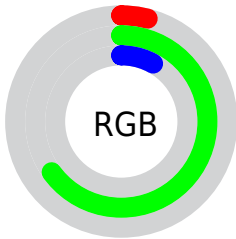
Format	Color
RYB	11, 157, 166
Decimal	763412
CIELab	59.34, -61.30, 57.25
CIELCh	59, 83.877, 136.955
Yxy	27.3941, 0.2989, 0.5890
Android (android.graphics.Color)	4278953492 (0xFF0BA614)
YUV	103.0110, -40.9244, -80.6936
Hunter-Lab	52.3394, -44.1871, 30.7280

Details

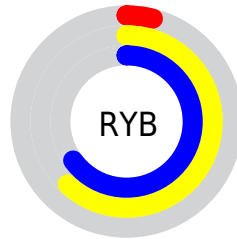
The Decimal color **763412** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10881949**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6348369**, and **28672** is the 20% darker color. If you saturate the color by 10%, you get **42506**, and if you desaturate by 10%, it is **1877540**.

Distribution



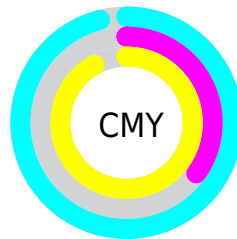
- Red (4%)
- Green (65%)
- Blue (8%)



- Red (4%)
- Yellow (62%)
- Blue (65%)



- Cyan (93%)
- Magenta (0%)
- Yellow (88%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 763412 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 763412 by changing the saturation by 10% instead.

 763412  763412

16777215  35584

 6348369  28672

 8387692  22272



 10354567  15872

 12320675  9728

 14286783  0

 16252892

 16777209

 763412  763412

■ 42506

■ 1877540

■ 2926131

■ 4040259

■ 5088851

■ 6202978

■ 7317106

■ 8365697

■ 9479825

■ 10528417

Harmonies

Analogous

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



8820736



763412



44395

Triad

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



763412



41471



16724329

Complementary

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



763412



10881949

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.



16725938



763412



35583

Square

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



763412



44282



12870901



16210720

Rectangle

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



763412



44703



12870901



16722561

Sweetspot

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



763412



10279328



10397195



4746827



15592941



7237230

Same Dimension

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



763412



55565



763488



5002316



37897



5121

Inverse Universe

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



10881949



14221516



10881873



5524564



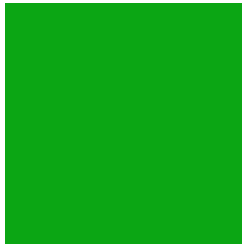
9699467



1310739

Previews

White Background



This preview shows how the Decimal color 763412 looks on a white background.

Color Contrast Check

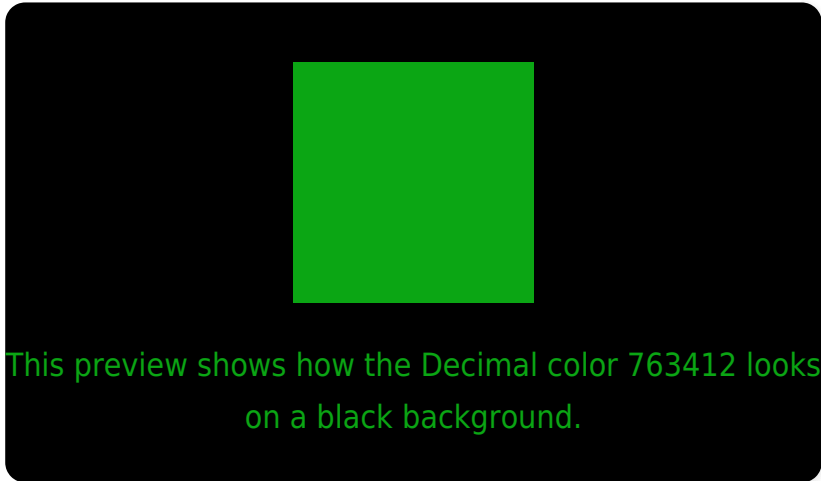
Large Text (above 18pt) WCAG AA ✓ Pass

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 763412 Background



This preview shows how black text looks on a background with the Decimal color 763412.



This preview shows how white text looks on a background with the Decimal color 763412.

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



Original Color
763412

Protanopia
10522123

Deuteranopia
11700008



Tritanopia
4627111

Trichromacy



Original Color

763412



Protanomaly

6985486



Deuteranomaly

7705121



Tritanomaly

3251826

Monochromacy



Original Color

763412



Achromatopsia

6776679



Achromatomaly

4619849

CSS Examples

Text

The CSS property to change the color of the text to Decimal 763412 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 #0BA614 looks like.

```
.text, #text, p{  
    color:#0BA614  
}
```

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 #0BA614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA614
}
```

Border

The CSS property to change the border of an element to Decimal 763412 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
#0BA614 }
```

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

```
.border{ border-color:#0BA614 }
```

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

Here you see how a box with a 4 pixel #0BA614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA614; -webkit-box-shadow:4px 4px  
4px 4px #0BA614; box-shadow:4px 4px 4px  
4px #0BA614 }
```

Background

The CSS property to change the background color of an element to Decimal 763412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA614 }
```

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

```
.background{ background-color:#0BA614 }
```

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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