

Converting Colors

Decimal(963636)

Have a look what the booklet for
Decimal(963636) contains.

Decimal(963636)	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(963636)

Conversions

Conversions Part 1

Format	Color
Hex	0EB434
RGB	14, 180, 52
RGB Percent	5%, 71%, 20%
CMY	0.9451, 0.2941, 0.7961
CMYK	0.92, 0.00, 0.71, 0.29
HSL	134°, 86%, 38%
HSV	134°, 92%, 71%
XYZ	17.1222, 32.9838, 8.7129
YIQ	115.7740, -57.8480, -75.0000

Conversions

Conversions Part 2

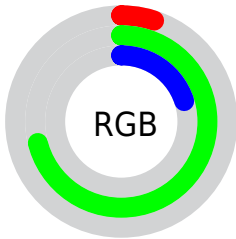
Format	Color
RYB	14, 149, 180
Decimal	963636
CIELab	64.15, -63.08, 52.00
CIElCh	64, 81.750, 140.498
Yxy	32.9838, 0.2911, 0.5608
Android (android.graphics.Color)	4279153716 (0xFF0EB434)
YUV	115.7740, -31.4406, -89.2558
Hunter-Lab	57.4315, -47.2886, 31.2072

Details

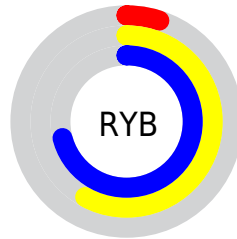
The Decimal color **963636** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **11800206**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **6548842**, and **32000** is the 20% darker color. If you saturate the color by 10%, you get **46121**, and if you desaturate by 10%, it is **2143298**.

Distribution



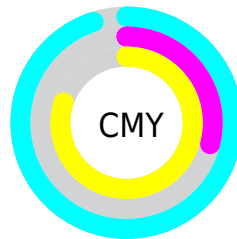
- Red (5%)
- Green (71%)
- Blue (20%)



- Red (5%)
- Yellow (58%)
- Blue (71%)



- Cyan (92%)
- Magenta (0%)
- Yellow (71%)
- Black (29%)



- Cyan (95%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 963636 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 963636 by changing the saturation by 10% instead.



963636



963636

16777215



38934



6548842



32000



8650628



25344



10616736



18944



12582844



13056



14614488



5888



16580597



0



963636



963636



46121



2143298

 3322960

 4502622

 5682284

 6861945

 8041607

 9221269

 10400931

 11580593

Harmonies

Analogous

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



9217792



963636



47745

Triad

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



963636



44031



16731245

Complementary

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



963636



11800206

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.



16730806



963636



6198015

Square

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



963636



47359



14380793



16740135

Rectangle

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



963636



48308



14380793



16729477

Sweetspot

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



963636



11135928



9483278



5076311



16119285



7697781

Same Dimension

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



963636



60214



963717



5265746



39203



6662

Inverse Universe

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



11800206



15401141



11800125



5853271



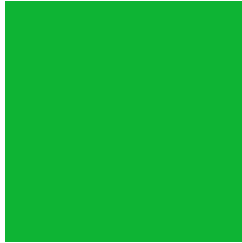
10027126



1703956

Previews

White Background



This preview shows how the Decimal color 963636 looks on a white background.

Color Contrast Check

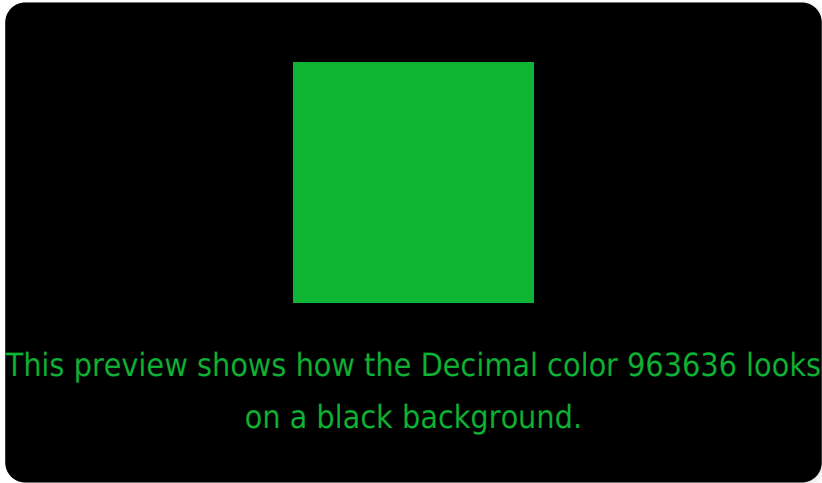
Large Text (above 18pt) WCAG AA × Fail

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 963636 Background



This preview shows how black text looks on a background with the Decimal color 963636.



This preview shows how white text looks on a background with the Decimal color 963636.

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
963636

Protanopia
11377453

Deuteranopia
12620608



Tritanopia
4892854

Trichromacy



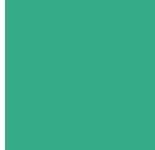
Original Color
963636



Protanomaly
7578672



Deuteranomaly
8363836



Tritanomaly
3452039

Monochromacy



Original Color
963636



Achromatopsia
7631988



Achromatomaly
5213021

CSS Examples

Text

The CSS property to change the color of the text to Decimal 963636 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 #0EB434 looks like.

```
.text, #text, p{  
    color:#0EB434  
}
```

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 #0EB434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB434
}
```

Border

The CSS property to change the border of an element to Decimal 963636 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
#0EB434 }
```

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

```
.border{ border-color:#0EB434 }
```

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

Here you see how a box with a 4 pixel #0EB434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB434; -webkit-box-shadow:4px 4px  
4px 4px #0EB434; box-shadow:4px 4px 4px  
4px #0EB434 }
```

Background

The CSS property to change the background color of an element to Decimal 963636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB434 }
```

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

```
.background{ background-color:#0EB434 }
```

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