

Converting Colors

Decimal(1363763)

Have a look what the booklet for
Decimal(1363763) contains.

Decimal(1363763)	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(1363763)

Conversions

Conversions Part 1

Format	Color
Hex	14CF33
RGB	20, 207, 51
RGB Percent	8%, 81%, 20%
CMY	0.9216, 0.1882, 0.8000
CMYK	0.90, 0.00, 0.75, 0.19
HSL	130°, 82%, 45%
HSV	130°, 90%, 81%
XYZ	23.1989, 45.0134, 10.5977
YIQ	133.3030, -61.3760, -88.1600

Conversions

Conversions Part 2

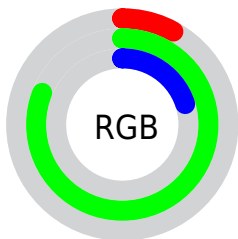
Format	Color
RYB	20, 180, 207
Decimal	1363763
CIELab	72.90, -70.72, 61.28
CIElCh	73, 93.575, 139.091
Yxy	45.0134, 0.2944, 0.5712
Android (android.graphics.Color)	4279553843 (0xFF14CF33)
YUV	133.3030, -40.5754, -99.3667
Hunter-Lab	67.0920, -55.6899, 37.5991

Details

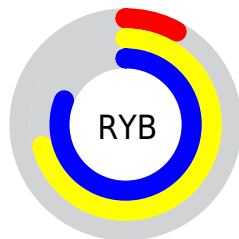
The Decimal color **1363763** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **13571248**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **7208812**, and **38656** is the 20% darker color. If you saturate the color by 10%, you get **53026**, and if you desaturate by 10%, it is **2740036**.

Distribution



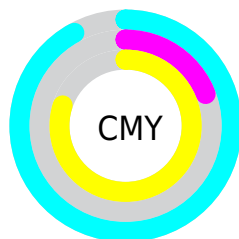
- Red (8%)
- Green (81%)
- Blue (20%)



- Red (8%)
- Yellow (71%)
- Blue (81%)



- Cyan (90%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)



- Cyan (92%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1363763 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 1363763 by changing the saturation by 10% instead.

■ 1363763

■ 1363763

16777215

■ 45837

■ 7208812

■ 38656

■ 9305991

■ 31744

■ 11403171

■ 24832

■ 13434816

■ 18432

■ 15466461

■ 12288

■ 16777210

■ 4608

■ 0

■ 1363763

■ 1363763

■ 53026

■ 2740036

■ 4050774

■ 5427047

■ 6803320

■ 8179593

■ 9490331

■ 10866604

■ 12242877

■ 13553614

Harmonies

Analogous

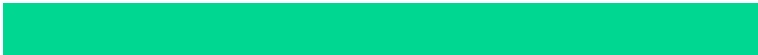
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10796800



1363763



55184

Triad

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



1363763



51199



16732545

Complementary

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



1363763



13571248

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.



16732630



1363763



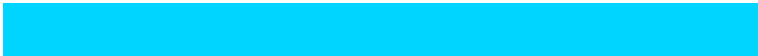
5745407

Square

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



1363763



54783



16285695



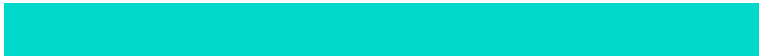
16743469

Rectangle

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



1363763



55500



16285695



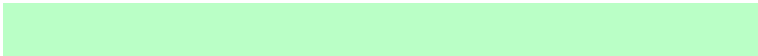
16730525

Sweetspot

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



1363763



12255174



11783956



5734493



0



8421504

Same Dimension

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



1363763



65322



1363854



6187360



43036



10503

Inverse Universe

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



13571248



16711893



13571157



6905447



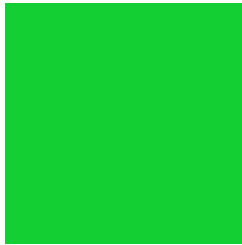
11010188



2687010

Previews

White Background



This preview shows how the Decimal color 1363763 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



This preview shows how the Decimal color 1363763 looks on a 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 1363763 Background



This preview shows how black text looks on a background with the Decimal color 1363763.



This preview shows how white text looks on a background with the Decimal color 1363763.

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](#).

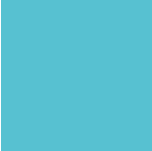
Dichromacy



Original Color
1363763

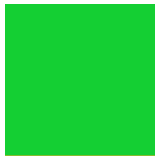
Protanopia
13087276

Deuteranopia
14526531



Tritanopia
5751249

Trichromacy



Original Color

1363763



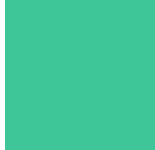
Protanomaly

8830255



Deuteranomaly

9745981



Tritanomaly

4179608

Monochromacy



Original Color

1363763



Achromatopsia

8750469



Achromatomaly

6070375

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1363763 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 #14CF33 looks like.

```
.text, #text, p{  
    color:#14CF33  
}
```

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 #14CF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14CF33
}
```

Border

The CSS property to change the border of an element to Decimal 1363763 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
#14CF33 }
```

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

```
.border{ border-color:#14CF33 }
```

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

Here you see how a box with a 4 pixel #14CF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14CF33; -webkit-box-shadow:4px 4px  
4px 4px #14CF33; box-shadow:4px 4px 4px  
4px #14CF33 }
```

Background

The CSS property to change the background color of an element to Decimal 1363763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14CF33 }
```

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

```
.background{ background-color:#14CF33 }
```

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