

Converting Colors

Decimal(253512)

Have a look what the booklet for
Decimal(253512) contains.

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Color

Decimal(253512)

Conversions

Conversions Part 1

Format	Color
Hex	03DE48
RGB	3, 222, 72
RGB Percent	1%, 87%, 28%
CMY	0.9882, 0.1294, 0.7176
CMYK	0.99, 0.00, 0.68, 0.13
HSL	139°, 97%, 44%
HSV	139°, 99%, 87%
XYZ	27.3285, 52.7298, 14.8684
YIQ	139.4190, -82.3740, -93.0780

Conversions

Conversions Part 2

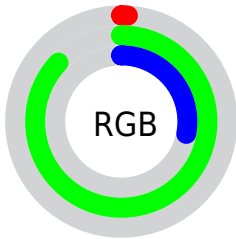
Format	Color
RYB	3, 170, 222
Decimal	253512
CIELab	77.72, -73.93, 58.59
CIELCh	78, 94.332, 141.605
Yxy	52.7298, 0.2879, 0.5555
Android (android.graphics.Color)	4278443592 (0xFF03DE48)
YUV	139.4190, -33.2376, -119.6395
Hunter-Lab	72.6153, -59.8988, 38.6907

Details

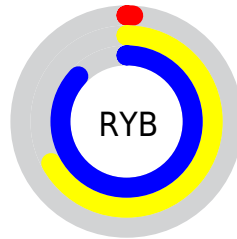
The Decimal color **253512** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14549913**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **7208831**, and **42240** is the 20% darker color. If you saturate the color by 10%, you get **56902**, and if you desaturate by 10%, it is **1695319**.

Distribution



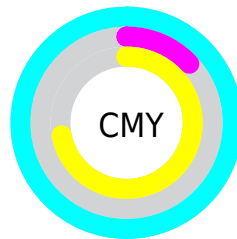
- Red (1%)
- Green (87%)
- Blue (28%)



- Red (1%)
- Yellow (67%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (68%)
- Black (13%)



- Cyan (99%)
- Magenta (13%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 253512 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 253512 by changing the saturation by 10% instead.



253512



253512

16777215



49451



7208831



42240



9371547



35072



11468727



28416



13565908



21504



15663089



15360



8704



0



253512



253512

■ 56902

■ 1695319

■ 3137126

■ 4644470

■ 6086277

■ 7528084

■ 8969891

■ 10411698

■ 11919042

■ 13360849

Harmonies

Analogous

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



11194112



253512



58788

Triad

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



253512



54015



16737157

Complementary

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



253512



14549913

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.



16736221



253512



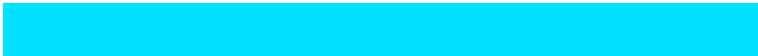
8500479

Square

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



253512



58111



16746751



16747569

Rectangle

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



253512



59361



16746751



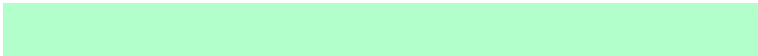
16735138

Sweetspot

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



253512



11796427



10280451



5406816



0



8421504

Same Dimension

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



253512



65360



253618



6647913



45111



12303

Inverse Universe

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



14549913



16711855



14549807



7365997



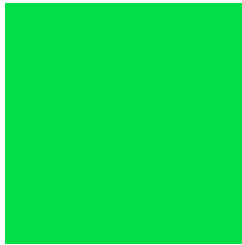
11534457



3145761

Previews

White Background



This preview shows how the Decimal color 253512 looks on a white background.

Color Contrast Check

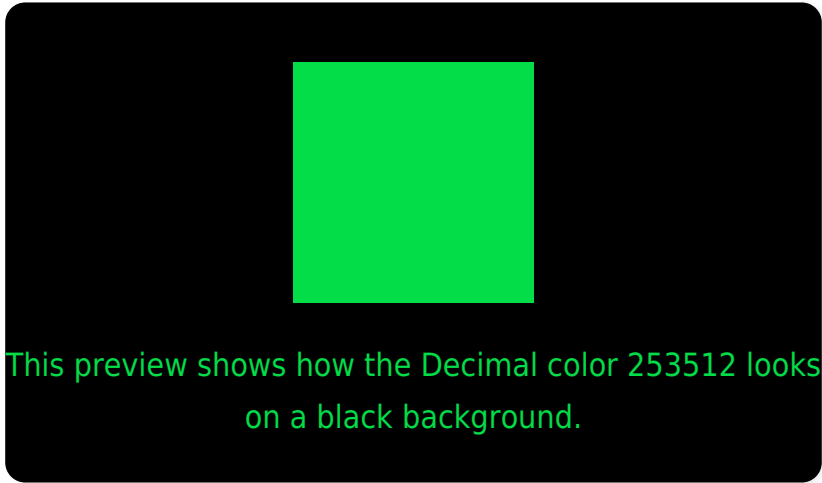
Large Text (above 18pt) WCAG AA × Fail

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

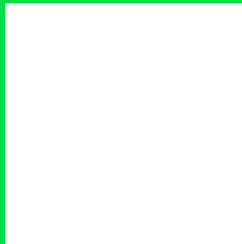
Any Text WCAG AAA ✓ Pass

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

Decimal 253512 Background



This preview shows how black text looks on a background with the Decimal color 253512.

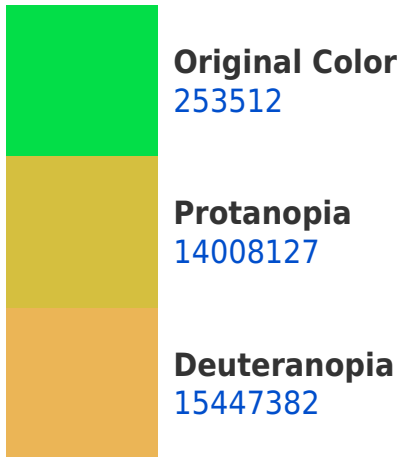


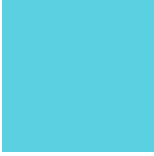
This preview shows how white text looks on a background with the Decimal color 253512.

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
5951712

Trichromacy



Original Color
253512



Protanomaly
9030210

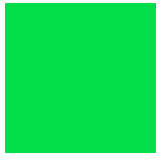


Deuteranomaly
9946193



Tritanomaly
3855785

Monochromacy



Original Color
253512



Achromatopsia
9145227



Achromatomaly
5941619

CSS Examples

Text

The CSS property to change the color of the text to Decimal 253512 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 #03DE48 looks like.

```
.text, #text, p{  
    color:#03DE48  
}
```

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 #03DE48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03DE48
}
```

Border

The CSS property to change the border of an element to Decimal 253512 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
#03DE48 }
```

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

```
.border{ border-color:#03DE48 }
```

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

Here you see how a box with a 4 pixel #03DE48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03DE48; -webkit-box-shadow:4px 4px  
4px 4px #03DE48; box-shadow:4px 4px 4px  
4px #03DE48 }
```

Background

The CSS property to change the background color of an element to Decimal 253512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03DE48 }
```

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

```
.background{ background-color:#03DE48 }
```

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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