

Converting Colors

Decimal(2415462)

Have a look what the booklet for
Decimal(2415462) contains.

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Color

Decimal(2415462)

Conversions

Conversions Part 1

Format	Color
Hex	24DB66
RGB	36, 219, 102
RGB Percent	14%, 86%, 40%
CMY	0.8588, 0.1412, 0.6000
CMYK	0.84, 0.00, 0.53, 0.14
HSL	142°, 72%, 50%
HSV	142°, 84%, 86%
XYZ	28.4573, 51.9974, 21.1070
YIQ	150.9450, -71.5110, -75.1830

Conversions

Conversions Part 2

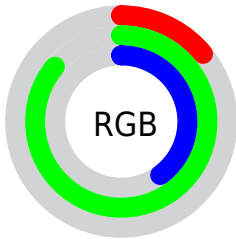
Format	Color
RYB	36, 170, 219
Decimal	2415462
CIELab	77.28, -67.57, 45.08
CIELCh	77, 81.227, 146.293
Yxy	51.9974, 0.2802, 0.5120
Android (android.graphics.Color)	4280605542 (0xFF24DB66)
YUV	150.9450, -24.1299, -100.8068
Hunter-Lab	72.1092, -55.7475, 33.1217

Details

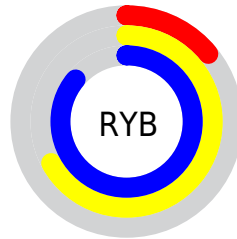
The Decimal color **2415462** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14361753**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7667611**, and **41522** is the 20% darker color. If you saturate the color by 10%, you get **973656**, and if you desaturate by 10%, it is **3857268**.

Distribution



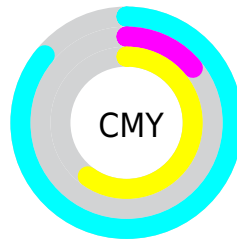
- Red (14%)
- Green (86%)
- Blue (40%)



- Red (14%)
- Yellow (67%)
- Blue (86%)



- Cyan (84%)
- Magenta (0%)
- Yellow (53%)
- Black (14%)



- Cyan (86%)
- Magenta (14%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2415462 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 2415462 by changing the saturation by 10% instead.

 2415462

 2415462

16777215

 48716

 7667611

 41522

 9764791

 34583

 11796435

 27648

 13828080

 20992

 15859711

 14848

 8448

 0

 2415462

 2415462

■ 973656

■ 3857268

■ 56143

■ 5299074

■ 6740880

■ 8182686

■ 9624492

■ 11000762

■ 12442568

■ 13884374

■ 15326180

Harmonies

Analogous

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



10669598



2415462



57779

Triad

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



2415462



52223



16743297

Complementary

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



2415462



14361753

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.



16741324



2415462



11251711

Square

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



2415462



56319



16747775



16751166

Rectangle

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



2415462



58087



16747775



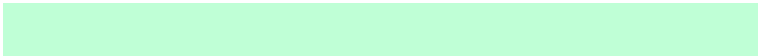
16741529

Sweetspot

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



2415462



12582870



10214180



5865575



0



8421504

Same Dimension

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



2415462



65372



2415552



6516327



44351



11793

Inverse Universe

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



14361753



16711843



14361663



7234410



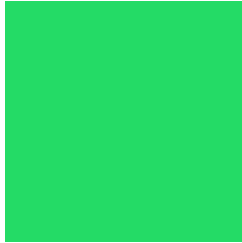
11337839



3014685

Previews

White Background



This preview shows how the Decimal color 2415462 looks on a white background.

Color Contrast Check

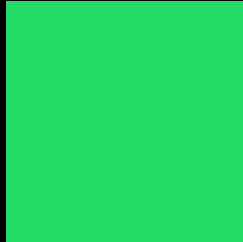
Large Text (above 18pt) WCAG AA × Fail

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 2415462 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 2415462 Background



This preview shows how black text looks on a background with the Decimal color 2415462.

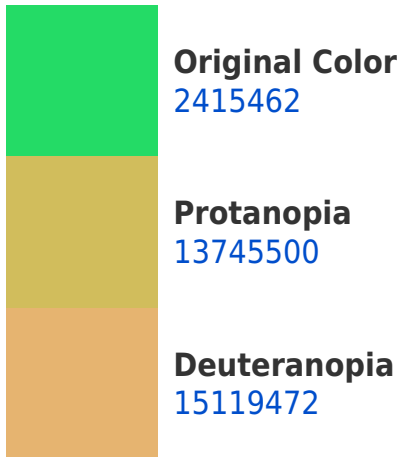


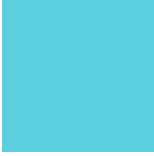
This preview shows how white text looks on a background with the Decimal color 2415462.

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
6016735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2415462 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 #24DB66 looks like.

```
.text, #text, p{  
    color:#24DB66  
}
```

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 #24DB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24DB66
}
```

Border

The CSS property to change the border of an element to Decimal 2415462 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
#24DB66 }
```

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

```
.border{ border-color:#24DB66 }
```

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

Here you see how a box with a 4 pixel #24DB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24DB66; -webkit-box-shadow:4px 4px  
4px 4px #24DB66; box-shadow:4px 4px 4px  
4px #24DB66 }
```

Background

The CSS property to change the background color of an element to Decimal 2415462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24DB66 }
```

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

```
.background{ background-color:#24DB66 }
```

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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