

Converting Colors

Decimal(2739506)

Have a look what the booklet for
Decimal(2739506) contains.

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Color

Decimal(2739506)

Conversions

Conversions Part 1

Format	Color
Hex	29CD32
RGB	41, 205, 50
RGB Percent	16%, 80%, 20%
CMY	0.8392, 0.1961, 0.8039
CMYK	0.80, 0.00, 0.76, 0.20
HSL	123°, 67%, 48%
HSV	123°, 80%, 80%
XYZ	23.3215, 44.3643, 10.3516
YIQ	138.2940, -47.9890, -82.9730

Conversions

Conversions Part 2

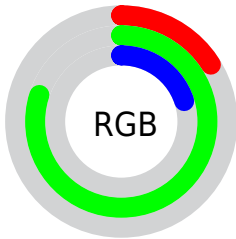
Format	Color
RYB	41, 196, 205
Decimal	2739506
CIELab	72.47, -68.32, 61.26
CIELCh	72, 91.760, 138.120
Yxy	44.3643, 0.2988, 0.5685
Android (android.graphics.Color)	4280929586 (0xFF29CD32)
YUV	138.2940, -43.5289, -85.3268
Hunter-Lab	66.6066, -54.0618, 37.4101

Details

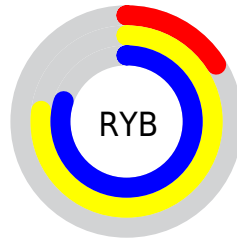
The Decimal color **2739506** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **13445572**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **7667563**, and **38144** is the 20% darker color. If you saturate the color by 10%, you get **1363231**, and if you desaturate by 10%, it is **4115781**.

Distribution



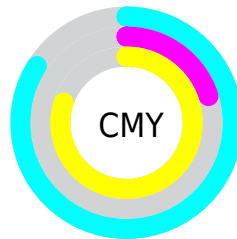
- Red (16%)
- Green (80%)
- Blue (20%)



- Red (16%)
- Yellow (77%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2739506 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 2739506 by changing the saturation by 10% instead.

 2739506

 2739506

16777215

 45324

 7667563

 38144

 9764742

 31232

 11796386

 24576

 13828031

 17920

 15859676

 11776

 16777209

 4096

 0

 2739506

 2739506

■ 1363231

■ 4115781

■ 52491

■ 5426521

■ 6802796

■ 8113535

■ 9489811

■ 10800550

■ 12176826

■ 13487565

■ 14863840

Harmonies

Analogous

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



10927360



2739506



54668

Triad

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



2739506



50943



16732803

Complementary

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



2739506



13445572

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.



16733655



2739506



5286655

Square

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



2739506



54271



15958271



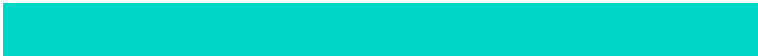
16743218

Rectangle

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



2739506



55239



15958271



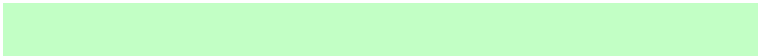
16731295

Sweetspot

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



2739506



12779461



12963113



5996637



0



8421504

Same Dimension

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



2739506



720664



2739587



6055516



42505



9730

Inverse Universe

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



13445572



16714482



13445491



6708325



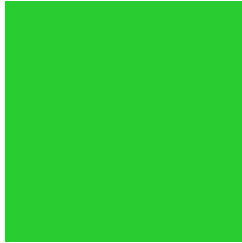
10879133



2490404

Previews

White Background



This preview shows how the Decimal color 2739506 looks on a white background.

Color Contrast Check

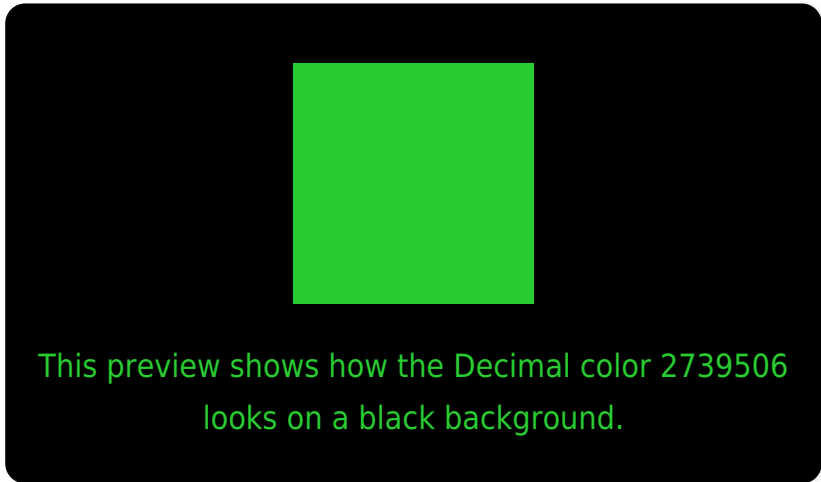
Large Text (above 18pt) WCAG AA × Fail

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

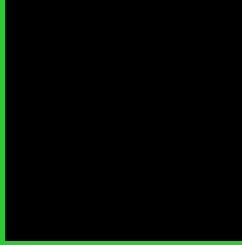
Any Text WCAG AA ✓ Pass

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 2739506 Background



This preview shows how black text looks on a background with the Decimal color 2739506.



This preview shows how white text looks on a background with the Decimal color 2739506.

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
6078415

Trichromacy



Original Color

2739506



Protanomaly

9288494



Deuteranomaly

10204476



Tritanomaly

4834454

Monochromacy



Original Color

2739506



Achromatopsia

9079434



Achromatomaly

6791786

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2739506 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 #29CD32 looks like.

```
.text, #text, p{  
    color:#29CD32  
}
```

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 #29CD32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CD32
}
```

Border

The CSS property to change the border of an element to Decimal 2739506 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
#29CD32 }
```

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

```
.border{ border-color:#29CD32 }
```

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

Here you see how a box with a 4 pixel #29CD32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CD32; -webkit-box-shadow:4px 4px  
4px 4px #29CD32; box-shadow:4px 4px 4px  
4px #29CD32 }
```

Background

The CSS property to change the background color of an element to Decimal 2739506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CD32 }
```

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

```
.background{ background-color:#29CD32 }
```

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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