

Converting Colors

Decimal(3135090)

Have a look what the booklet for
Decimal(3135090) contains.

Decimal(3135090)	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(3135090)

Conversions

Conversions Part 1

Format	Color
Hex	2FD672
RGB	47, 214, 114
RGB Percent	18%, 84%, 45%
CMY	0.8157, 0.1608, 0.5529
CMYK	0.78, 0.00, 0.47, 0.16
HSL	144°, 67%, 51%
HSV	144°, 78%, 84%
XYZ	28.2561, 49.9124, 24.0644
YIQ	152.6670, -67.4320, -66.5040

Conversions

Conversions Part 2

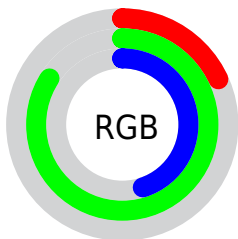
Format	Color
RYB	47, 166, 214
Decimal	3135090
CIELab	76.02, -62.91, 37.73
CIELCh	76, 73.359, 149.051
Yxy	49.9124, 0.2764, 0.4882
Android (android.graphics.Color)	4281325170 (0xFF2FD672)
YUV	152.6670, -19.0628, -92.6700
Hunter-Lab	70.6487, -52.2437, 29.2587

Details

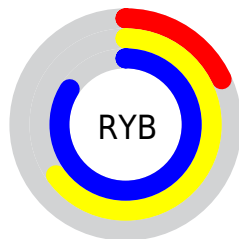
The Decimal color **3135090** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **14036883**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7864231**, and **40512** is the 20% darker color. If you saturate the color by 10%, you get **1758821**, and if you desaturate by 10%, it is **4511359**.

Distribution



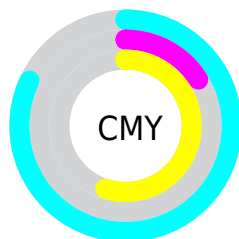
- Red (18%)
- Green (84%)
- Blue (45%)



- Red (18%)
- Yellow (65%)
- Blue (84%)



- Cyan (78%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (82%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3135090 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 3135090 by changing the saturation by 10% instead.



3135090



3135090

16777215



47704



7864231



40512



9961411



33575



11927519



26636



13959164



19968



15990783



14080



7424



0



3135090



3135090

■ 1758821

■ 4511359

■ 317016

■ 5953164

■ 54870

■ 7329432

■ 8771237

■ 10147506

■ 11523775

■ 12965580

■ 14341849

■ 15783653

Harmonies

Analogous

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



10275640



3135090



56247

Triad

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



3135090



50431



16745342

Complementary

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



3135090



14036883

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.



16743104



3135090



12036863

Square

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



3135090



54527



16747775



16751941

Rectangle

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



3135090



56550



16747775



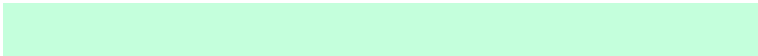
16743827

Sweetspot

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



3135090



12910556



9688623



6062186



0



8421504

Same Dimension

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



3135090



1048431



3135173



6318949



43845



11025

Inverse Universe

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



14036883



16715679



14036800



7037031



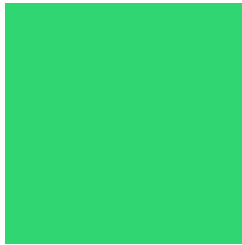
11206758



2818074

Previews

White Background



This preview shows how the Decimal color 3135090 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 3135090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

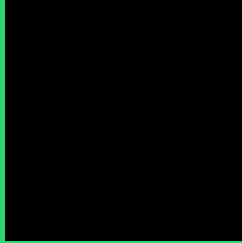
Any Text WCAG AA ✓ Pass

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 3135090 Background



This preview shows how black text looks on a background with the Decimal color 3135090.

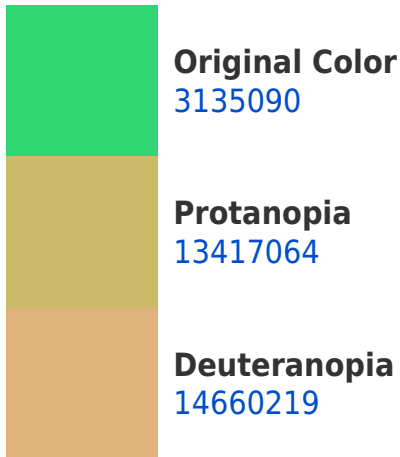


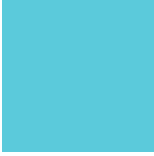
This preview shows how white text looks on a background with the Decimal color 3135090.

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](#).

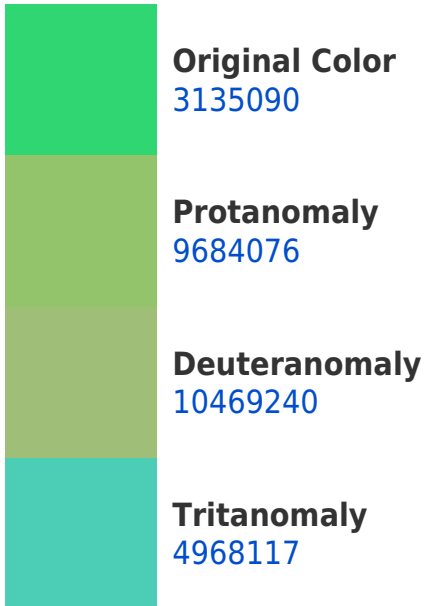
Dichromacy



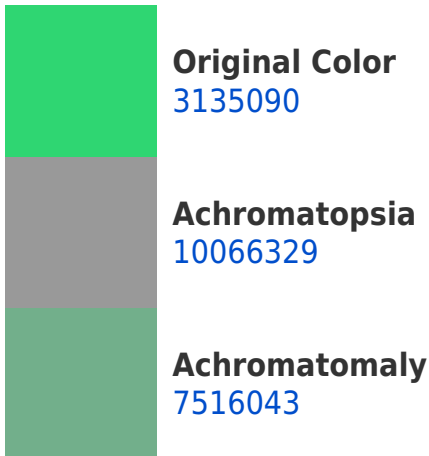


Tritanopia
6015707

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3135090 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 #2FD672 looks like.

```
.text, #text, p{  
    color:#2FD672  
}
```

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 #2FD672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD672
}
```

Border

The CSS property to change the border of an element to Decimal 3135090 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
#2FD672 }
```

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

```
.border{ border-color:#2FD672 }
```

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

Here you see how a box with a 4 pixel #2FD672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD672; -webkit-box-shadow:4px 4px  
4px 4px #2FD672; box-shadow:4px 4px 4px  
4px #2FD672 }
```

Background

The CSS property to change the background color of an element to Decimal 3135090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD672 }
```

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

```
.background{ background-color:#2FD672 }
```

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