

Converting Colors

Decimal(3266140)

Have a look what the booklet for
Decimal(3266140) contains.

Decimal(3266140)	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(3266140)

Conversions

Conversions Part 1

Format	Color
Hex	31D65C
RGB	49, 214, 92
RGB Percent	19%, 84%, 36%
CMY	0.8078, 0.1608, 0.6392
CMYK	0.77, 0.00, 0.57, 0.16
HSL	136°, 67%, 52%
HSV	136°, 77%, 84%
XYZ	27.2450, 49.5188, 18.2473
YIQ	150.7570, -59.1780, -72.9220

Conversions

Conversions Part 2

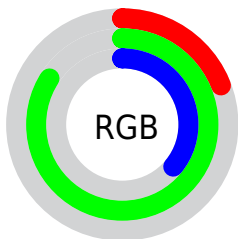
Format	Color
RYB	49, 180, 214
Decimal	3266140
CIELab	75.77, -65.90, 47.96
CIELCh	76, 81.505, 143.952
Yxy	49.5188, 0.2868, 0.5212
Android (android.graphics.Color)	4281456220 (0xFF31D65C)
YUV	150.7570, -28.9672, -89.2409
Hunter-Lab	70.3696, -54.0371, 33.8844

Details

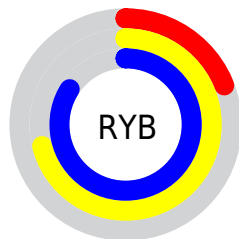
The Decimal color **3266140** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted green. A complement of this color would be **14037419**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7995281**, and **40487** is the 20% darker color. If you saturate the color by 10%, you get **1889868**, and if you desaturate by 10%, it is **4642412**.

Distribution



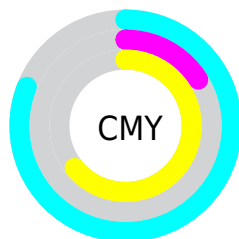
- Red (19%)
- Green (84%)
- Blue (36%)



- Red (19%)
- Yellow (71%)
- Blue (84%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (81%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3266140 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 3266140 by changing the saturation by 10% instead.

 3266140

 3266140

16777215

 47682

 7995281

 40487

 10026925

 33541

 12058569

 26624

 14090213

 19968

 16121855

 14080

 7424

 0

 3266140

 3266140

■ 1889868

■ 4642412

■ 448060

■ 6084220

■ 54840

■ 7460491

■ 8902299

■ 10278571

■ 11654843

■ 13096651

■ 14472923

■ 15914730

Harmonies

Analogous

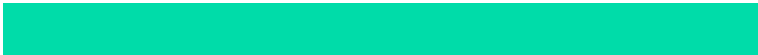
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10799372



3266140



56489

Triad

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



3266140



51455



16741506

Complementary

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



3266140



14037419

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.



16740045



3266140



10137087

Square

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



3266140



55295



16747263



16749375

Rectangle

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



3266140



57053



16747263



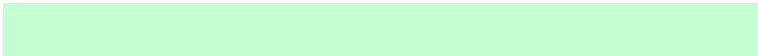
16739995

Sweetspot

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



3266140



12910548



11392561



6062181



0



8421504

Same Dimension

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



3266140



1245008



3266221



6318947



43821



11019

Inverse Universe

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



14037419



16716481



14037338



7037032



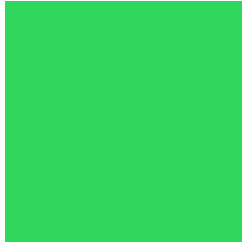
11206782



2818080

Previews

White Background



This preview shows how the Decimal color 3266140 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 3266140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

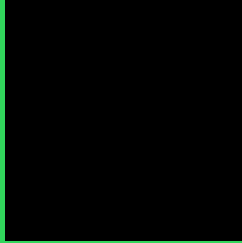
Any Text WCAG AA ✓ Pass

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 3266140 Background



This preview shows how black text looks on a background with the Decimal color 3266140.

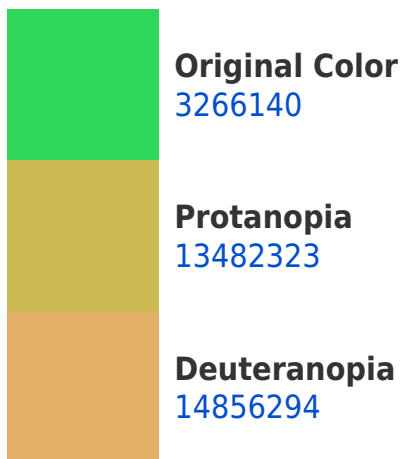


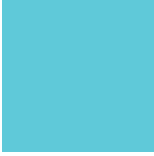
This preview shows how white text looks on a background with the Decimal color 3266140.

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](#).

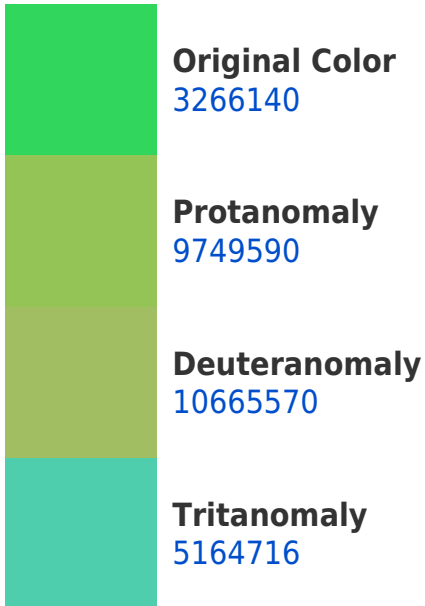
Dichromacy





Tritanopia
6277593

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3266140 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 #31D65C looks like.

```
.text, #text, p{  
    color:#31D65C  
}
```

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 #31D65C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31D65C
}
```

Border

The CSS property to change the border of an element to Decimal 3266140 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
#31D65C }
```

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

```
.border{ border-color:#31D65C }
```

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

Here you see how a box with a 4 pixel #31D65C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31D65C; -webkit-box-shadow:4px 4px  
4px 4px #31D65C; box-shadow:4px 4px 4px  
4px #31D65C }
```

Background

The CSS property to change the background color of an element to Decimal 3266140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31D65C }
```

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

```
.background{ background-color:#31D65C }
```

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