

Converting Colors

Decimal(3994005)

Have a look what the booklet for
Decimal(3994005) contains.

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Color

Decimal(3994005)

Conversions

Conversions Part 1

Format	Color
Hex	3CF195
RGB	60, 241, 149
RGB Percent	24%, 95%, 58%
CMY	0.7647, 0.0549, 0.4157
CMYK	0.75, 0.00, 0.38, 0.05
HSL	150°, 87%, 59%
HSV	150°, 75%, 95%
XYZ	38.7436, 66.0412, 39.1390
YIQ	176.3930, -78.3440, -66.9840

Conversions

Conversions Part 2

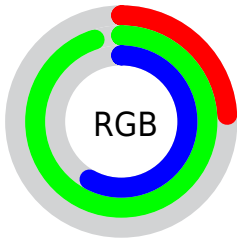
Format	Color
RYB	60, 181, 241
Decimal	3994005
CIELab	85.02, -64.69, 31.96
CIELCh	85, 72.156, 153.706
Yxy	66.0412, 0.2692, 0.4589
Android (android.graphics.Color)	4282184085 (0xFF3CF195)
YUV	176.3930, -13.5047, -102.0767
Hunter-Lab	81.2657, -57.1148, 28.3309

Details

The Decimal color **3994005** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **15809688**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **8716236**, and **47201** is the 20% darker color. If you saturate the color by 10%, you get **2421129**, and if you desaturate by 10%, it is **5566881**.

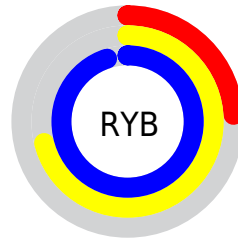
Distribution



Red (24%)

Green (95%)

Blue (58%)



Red (24%)

Yellow (71%)

Blue (95%)

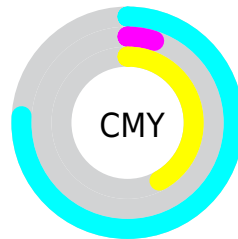


Cyan (75%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (76%)

Magenta (5%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3994005 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 3994005 by changing the saturation by 10% instead.

 3994005

 3994005

16777215

 54395

 8716236

 47201

 10813416

 40009

 12845055

 33072

 14876671

 26137

 19456

 13568

 6656

 0

 3994005

 3994005

 2421129

 5566881

 848253

 7139757

 61815

 8712634

 10285510

 11923922

 13496798

 15069675

 16642551

 16773631

Harmonies

Analogous

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



11265627



3994005



63195

Triad

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



3994005



5036543



16753036

Complementary

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



3994005



15809688

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.



16750287



3994005



14860287

Square

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



3994005



60415



16753663



16759640

Rectangle

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



3994005



62975



16753663



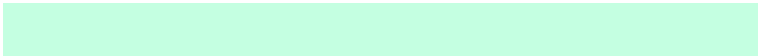
16751521

Sweetspot

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



3994005



12910561



10154300



6062189



0



8421504

Same Dimension

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



3994005



1703818



3994094



7108722



47194



14364

Inverse Universe

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



15809688



16718222



15809599



7892082



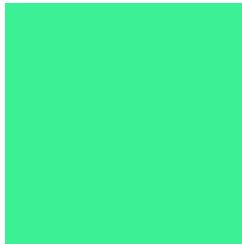
12058717



3670045

Previews

White Background



This preview shows how the Decimal color 3994005 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 3994005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

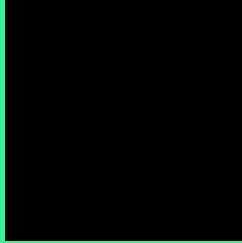
Any Text WCAG AA ✓ Pass

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 3994005 Background



This preview shows how black text looks on a background with the Decimal color 3994005.

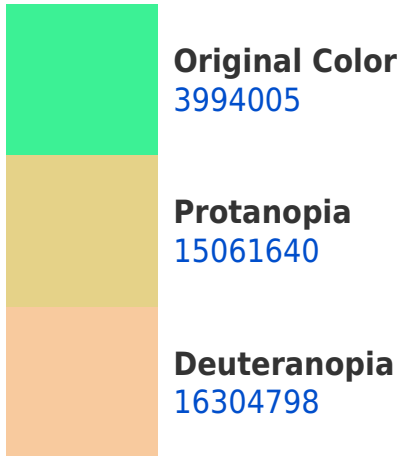


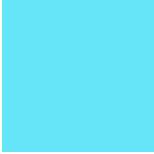
This preview shows how white text looks on a background with the Decimal color 3994005.

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





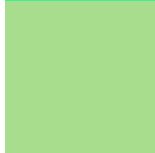
Tritanopia
6743544

Trichromacy



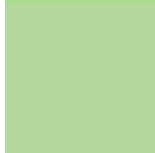
Original Color

3994005



Protanomaly

11066765



Deuteranomaly

11851931



Tritanomaly

5761492

Monochromacy



Original Color

3994005



Achromatopsia

11579568



Achromatomaly

8833190

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3994005 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 #3CF195 looks like.

```
.text, #text, p{  
    color:#3CF195  
}
```

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 #3CF195 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CF195
}
```

Border

The CSS property to change the border of an element to Decimal 3994005 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
#3CF195 }
```

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

```
.border{ border-color:#3CF195 }
```

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

Here you see how a box with a 4 pixel #3CF195 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CF195; -webkit-box-shadow:4px 4px  
4px 4px #3CF195; box-shadow:4px 4px 4px  
4px #3CF195 }
```

Background

The CSS property to change the background color of an element to Decimal 3994005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CF195 }
```

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

```
.background{ background-color:#3CF195 }
```

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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