

Converting Colors

Decimal(6553501)

Have a look what the booklet for
Decimal(6553501) contains.

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Color

Decimal(6553501)

Conversions

Conversions Part 1

Format	Color
Hex	63FF9D
RGB	99, 255, 157
RGB Percent	39%, 100%, 62%
CMY	0.6118, 0.0000, 0.3843
CMYK	0.61, 0.00, 0.38, 0.00
HSL	142°, 100%, 69%
HSV	142°, 61%, 100%
XYZ	46.9914, 76.6070, 44.2082
YIQ	197.1840, -61.5180, -63.5500

Conversions

Conversions Part 2

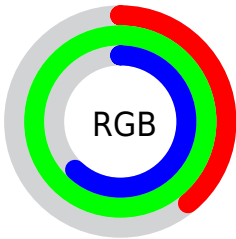
Format	Color
RYB	99, 213, 255
Decimal	6553501
CIELab	90.14, -62.14, 34.90
CIELCh	90, 71.270, 150.676
Yxy	76.6070, 0.2800, 0.4565
Android (android.graphics.Color)	4284743581 (0xFF63FF9D)
YUV	197.1840, -19.8107, -86.1074
Hunter-Lab	87.5254, -57.3348, 31.3210

Details

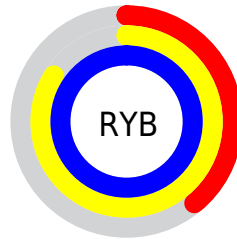
The Decimal color **6553501** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16737221**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **10682324**, and **50537** is the 20% darker color. If you saturate the color by 10%, you get **4849549**, and if you desaturate by 10%, it is **8191917**.

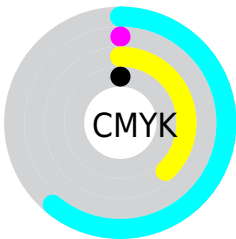
Distribution



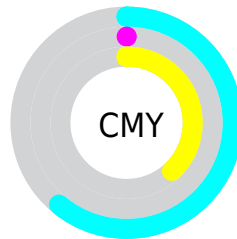
- Red (39%)
- Green (100%)
- Blue (62%)



- Red (39%)
- Yellow (84%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)




- Cyan (61%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6553501 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 6553501 by changing the saturation by 10% instead.

 6553501	 6553501
16777215	 4186754
 10682324	 50537
 12713969	 43343
 14745599	 36407
16711679	 29471
	 22787
	 16384
	 10240
	 256

■ 6553501

■ 6553501

■ 4849549

■ 8191917

■ 3211133

■ 9895869

■ 1507181

■ 11599821

■ 65375

■ 13238237

■ 14942189

■ 16580605

16777215

Harmonies

Analogous

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



12776295



6553501



65506

Triad

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



6553501



5303039



16756641

Complementary

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



6553501



16737221

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.



16754404



6553501



15192319

Square

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



6553501



64511



16758271



16762475

Rectangle

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



6553501



65535



16758271



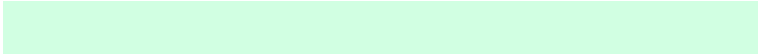
16755126

Sweetspot

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



6553501



13762530



13041507



6520942



0



8421504

Same Dimension

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



6553501



4587402



6553578



7569527



48967



16408

Inverse Universe

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



16737221



16729530



16737144



8418171



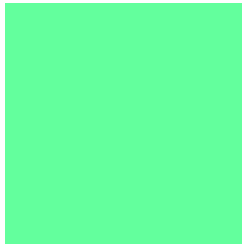
12517496



4194344

Previews

White Background



This preview shows how the Decimal color 6553501 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 6553501 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 6553501 Background



This preview shows how black text looks on a background with the Decimal color 6553501.

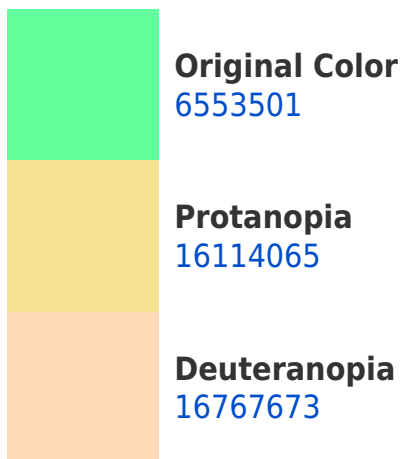


This preview shows how white text looks on a background with the Decimal color 6553501.

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
10285055

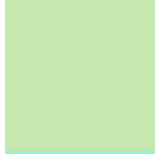
Trichromacy



Original Color
6553501



Protanomaly
12643477



Deuteranomaly
13035439

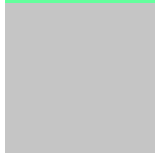


Tritanomaly
8910299

Monochromacy



Original Color
6553501



Achromatopsia
12961221



Achromatomaly
10607286

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6553501 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 #63FF9D looks like.

```
.text, #text, p{  
    color:#63FF9D  
}
```

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 #63FF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63FF9D
}
```

Border

The CSS property to change the border of an element to Decimal 6553501 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
#63FF9D }
```

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

```
.border{ border-color:#63FF9D }
```

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

Here you see how a box with a 4 pixel #63FF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63FF9D; -webkit-box-shadow:4px 4px  
4px 4px #63FF9D; box-shadow:4px 4px 4px  
4px #63FF9D }
```

Background

The CSS property to change the background color of an element to Decimal 6553501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63FF9D }
```

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

```
.background{ background-color:#63FF9D }
```

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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