

Converting Colors

Decimal(638101)

Have a look what the booklet for
Decimal(638101) contains.

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Color

Decimal(638101)

Conversions

Conversions Part 1

Format	Color
Hex	09BC95
RGB	9, 188, 149
RGB Percent	4%, 74%, 58%
CMY	0.9647, 0.2627, 0.4157
CMYK	0.95, 0.00, 0.21, 0.26
HSL	167°, 91%, 39%
HSV	167°, 95%, 74%
XYZ	23.5207, 38.1944, 34.5664
YIQ	130.0330, -94.1650, -50.0770

Conversions

Conversions Part 2

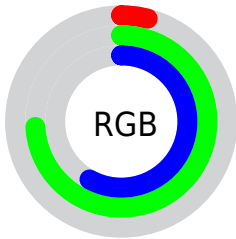
Format	Color
R_YB	9, 109, 188
Decimal	638101
CIE Lab	68.16, -48.86, 8.67
CIE LCh	68, 49.627, 169.934
Yxy	38.1944, 0.2443, 0.3967
Android (android.graphics.Color)	4278828181 (0xFF09BC95)
YUV	130.0330, 9.3507, -106.1459
Hunter-Lab	61.8017, -40.2187, 10.0996

Details

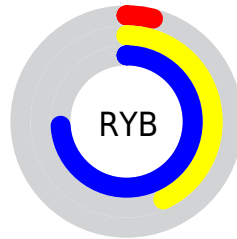
The Decimal color **638101** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **12323120**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **6616523**, and **34146** is the 20% darker color. If you saturate the color by 10%, you get **48275**, and if you desaturate by 10%, it is **1883289**.

Distribution



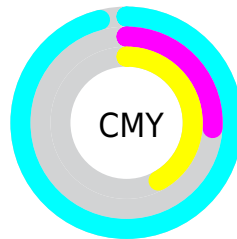
- Red (4%)
- Green (74%)
- Blue (58%)



- Red (4%)
- Yellow (43%)
- Blue (74%)



- Cyan (95%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (96%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 638101 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 638101 by changing the saturation by 10% instead.

 638101  638101

16777215  41083

 6616523  34146

 8650727  27466

 10682367  21044

 12648447  14879

 14680063  8967

16711679  0

 638101  638101

 48275  1883289

■ 3128477

■ 4308129

■ 5553317

■ 6798505

■ 8043694

■ 9288882

■ 10468534

■ 11713722

Harmonies

Analogous

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



7321450



638101



48579

Triad

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



638101



9543930



15568483

Complementary

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



638101



12323120

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.



16482954



638101



13602784

Square

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



638101



1880062



15893175



13540940

Rectangle

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



638101



48094



15893175



16025967

Sweetspot

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



638101



11466213



3390473



5274225



16448250



8026746

Same Dimension

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



638101



62911



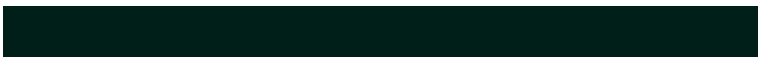
625852



5594716



40572



7960

Inverse Universe

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



12323120



16056373



12335369



6182231



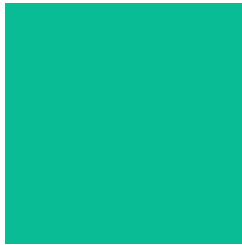
10354722



2031623

Previews

White Background



This preview shows how the Decimal color 638101 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 638101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

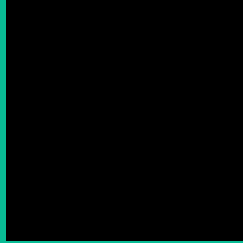
Any Text WCAG AA ✓ Pass

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 638101 Background



This preview shows how black text looks on a background with the Decimal color 638101.

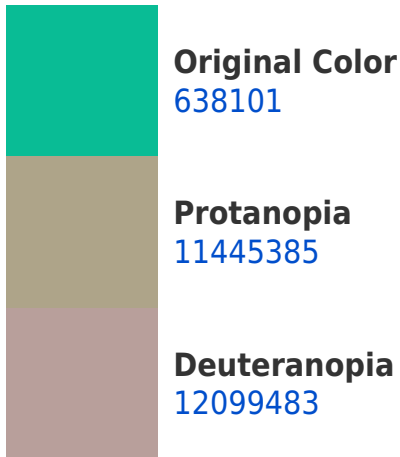


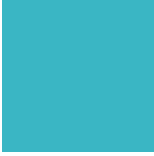
This preview shows how white text looks on a background with the Decimal color 638101.

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
3847876

Trichromacy



Original Color
638101



Protanomaly
7515533



Deuteranomaly
7907993



Tritanomaly
2668723

Monochromacy



Original Color
638101



Achromatopsia
8553090



Achromatomaly
5674889

CSS Examples

Text

The CSS property to change the color of the text to Decimal 638101 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 #09BC95 looks like.

```
.text, #text, p{  
  color:#09BC95  
}
```

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 #09BC95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09BC95
}
```

Border

The CSS property to change the border of an element to Decimal 638101 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
#09BC95 }
```

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

```
.border{ border-color:#09BC95 }
```

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

Here you see how a box with a 4 pixel #09BC95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09BC95; -webkit-box-shadow:4px 4px  
4px 4px #09BC95; box-shadow:4px 4px 4px  
4px #09BC95 }
```

Background

The CSS property to change the background color of an element to Decimal 638101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09BC95 }
```

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

```
.background{ background-color:#09BC95 }
```

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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