

Converting Colors

Decimal(6535851)

Have a look what the booklet for
Decimal(6535851) contains.

Decimal(6535851)	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(6535851)

Conversions

Conversions Part 1

Format	Color
Hex	63BAAB
RGB	99, 186, 171
RGB Percent	39%, 73%, 67%
CMY	0.6118, 0.2706, 0.3294
CMYK	0.47, 0.00, 0.08, 0.27
HSL	170°, 39%, 56%
HSV	170°, 47%, 73%
XYZ	30.0552, 40.7107, 44.8020
YIQ	158.2770, -47.0370, -23.1090

Conversions

Conversions Part 2

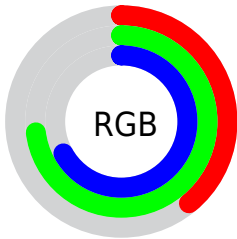
Format	Color
RYB	99, 147, 186
Decimal	6535851
CIELab	69.97, -29.93, -0.53
CIElCh	70, 29.936, 181.010
Yxy	40.7107, 0.2601, 0.3523
Android (android.graphics.Color)	4284725931 (0xFF63BAAB)
YUV	158.2770, 6.2724, -51.9859
Hunter-Lab	63.8050, -27.5767, 3.0318

Details

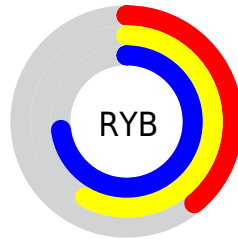
The Decimal color **6535851** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12215154**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **10220258**, and **2720887** is the 20% darker color. If you saturate the color by 10%, you get **5290664**, and if you desaturate by 10%, it is **7781038**.

Distribution



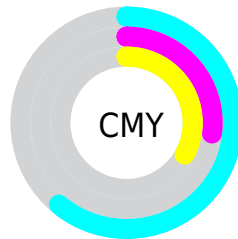
- Red (39%)
- Green (73%)
- Blue (67%)



- Red (39%)
- Yellow (58%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6535851 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 6535851 by changing the saturation by 10% instead.



6535851



6535851

16777215



4693905



10220258



2720887



12058623



27486



13959167



21063



15859711



14896



9499



1



0



6535851



6535851

■ 5290664

■ 7781038

■ 4111013

■ 8960689

■ 2865825

■ 10205877

■ 1686174

■ 11385528

■ 440987

■ 12630715

■ 47770

■ 13875902

■ 15055553

■ 16300741

■ 16759496

Harmonies

Analogous

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



8501136



6535851



5552582

Triad

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



6535851



11576538



13934716

Complementary

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



6535851



12215154

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.



14719376



6535851



13605830

Square

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



6535851



9022945



14653355



12429941

Rectangle

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



6535851



6010836



14653355



14261890

Sweetspot

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



6535851



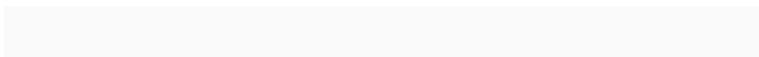
13693676



7584355



6716023



16448250



8026746

Same Dimension

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



6535851



7074523



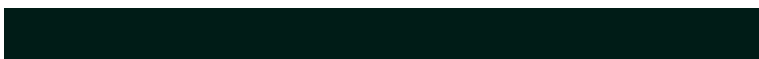
6528698



5463130



40065



7191

Inverse Universe

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



12215154



15887234



12222307



6050644



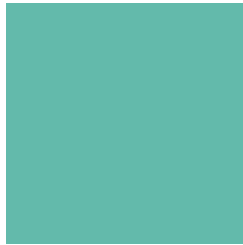
10223643



1835013

Previews

White Background



This preview shows how the Decimal color 6535851 looks on a white background.

Color Contrast Check

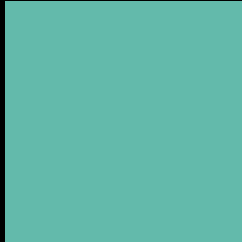
Large Text (above 18pt) WCAG AA × Fail

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 6535851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

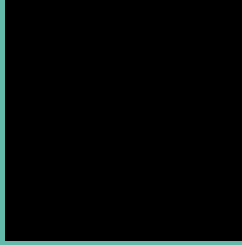
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

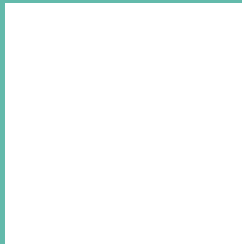
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6535851 Background



This preview shows how black text looks on a background with the Decimal color 6535851.



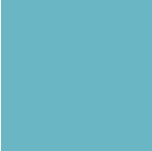
This preview shows how white text looks on a background with the Decimal color 6535851.

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
7059141

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6535851 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 #63BAAB looks like.

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

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 #63BAAB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6535851 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
#63BAAB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6535851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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