

Converting Colors

Decimal(6533301)

Have a look what the booklet for
Decimal(6533301) contains.

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Color

Decimal(6533301)

Conversions

Conversions Part 1

Format	Color
Hex	63B0B5
RGB	99, 176, 181
RGB Percent	39%, 69%, 71%
CMY	0.6118, 0.3098, 0.2902
CMYK	0.45, 0.03, 0.00, 0.29
HSL	184°, 36%, 55%
HSV	184°, 45%, 71%
XYZ	29.0114, 37.0395, 49.3363
YIQ	153.5470, -47.4970, -14.7690

Conversions

Conversions Part 2

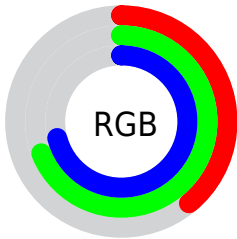
Format	Color
RYB	99, 139, 181
Decimal	6533301
CIELab	67.31, -22.43, -9.98
CIELCh	67, 24.550, 203.992
Yxy	37.0395, 0.2514, 0.3210
Android (android.graphics.Color)	4284723381 (0xFF63B0B5)
YUV	153.5470, 13.5343, -47.8377
Hunter-Lab	60.8601, -21.4160, -5.4615

Details

The Decimal color **6533301** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11888739**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **10217709**, and **2718592** is the 20% darker color. If you saturate the color by 10%, you get **5353397**, and if you desaturate by 10%, it is **7713205**.

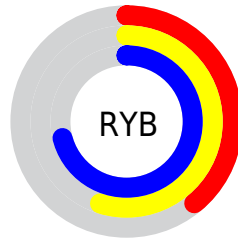
Distribution



Red (39%)

Green (69%)

Blue (71%)



Red (39%)

Yellow (55%)

Blue (71%)

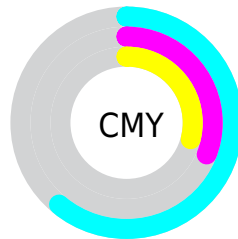


Cyan (45%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6533301 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 6533301 by changing the saturation by 10% instead.

■ 6533301

■ 6533301

16777215

■ 4691354

■ 10217709

■ 2718592

■ 12058623

■ 25191

■ 13959167

■ 19023

■ 15859711

■ 13112

■ 7971

■ 269

■ 0

■ 6533301

■ 6533301

■ 5353397

■ 7713205

■ 4173493

■ 8893109

■ 2993589

■ 10073013

■ 1813685

■ 11252917

■ 633525

■ 12498613

■ 43701

■ 13678517

■ 14858421

■ 16038325

■ 16759477

Harmonies

Analogous

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



7450782



6533301



6991303

Triad

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



6533301



12359870



12099960

Complementary

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



6533301



11888739

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.



13212289



6533301



13472937

Square

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



6533301



10592460



13735315



10594427

Rectangle

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



6533301



7973326



13735315



12557946

Sweetspot

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



6533301



13298155



6534503



6386805



16119285



7697781

Same Dimension

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



6533301



7136235



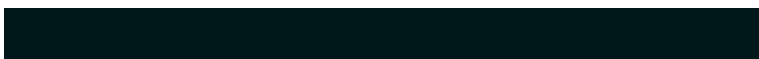
6523061



5265753



37017



6170

Inverse Universe

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



11887536



15428835



11898979



5853273



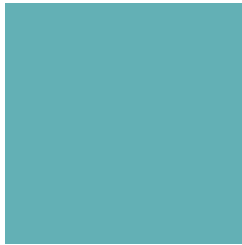
10027152



1703960

Previews

White Background



This preview shows how the Decimal color 6533301 looks on a white background.

Color Contrast Check

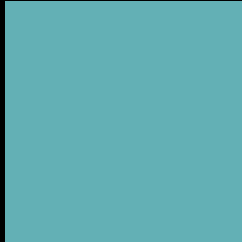
Large Text (above 18pt) WCAG AA × Fail

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 6533301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

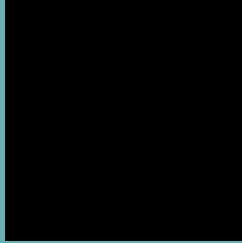
Any Text WCAG AA ✓ Pass

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 6533301 Background



This preview shows how black text looks on a background with the Decimal color 6533301.

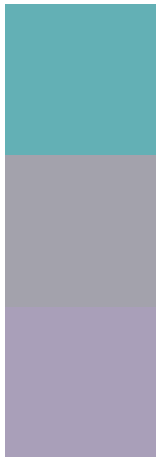


This preview shows how white text looks on a background with the Decimal color 6533301.

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



Original Color
6533301

Protanopia
10724012

Deuteranopia
11116473



Tritanopia
6664125

Trichromacy



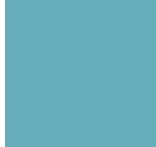
Original Color
6533301



Protanomaly
9217967



Deuteranomaly
9479608



Tritanomaly
6598586

Monochromacy



Original Color
6533301



Achromatopsia
10132122



Achromatomaly
8823460

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6533301 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 #63B0B5 looks like.

```
.text, #text, p{  
    color:#63B0B5  
}
```

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 #63B0B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B0B5
}
```

Border

The CSS property to change the border of an element to Decimal 6533301 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
#63B0B5 }
```

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

```
.border{ border-color:#63B0B5 }
```

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

Here you see how a box with a 4 pixel #63B0B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B0B5; -webkit-box-shadow:4px 4px  
4px 4px #63B0B5; box-shadow:4px 4px 4px  
4px #63B0B5 }
```

Background

The CSS property to change the background color of an element to Decimal 6533301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B0B5 }
```

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

```
.background{ background-color:#63B0B5 }
```

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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