

Converting Colors

Decimal(6535353)

Have a look what the booklet for
Decimal(6535353) contains.

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Color

Decimal(6535353)

Conversions

Conversions Part 1

Format	Color
Hex	63B8B9
RGB	99, 184, 185
RGB Percent	39%, 72%, 73%
CMY	0.6118, 0.2784, 0.2745
CMYK	0.46, 0.01, 0.00, 0.27
HSL	181°, 38%, 56%
HSV	181°, 46%, 73%
XYZ	31.0430, 40.4364, 52.0678
YIQ	158.6990, -50.9810, -17.7090

Conversions

Conversions Part 2

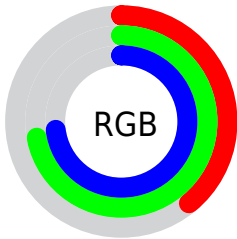
Format	Color
RYB	99, 142, 185
Decimal	6535353
CIELab	69.78, -25.41, -8.50
CIElCh	70, 26.790, 198.506
Yxy	40.4364, 0.2513, 0.3273
Android (android.graphics.Color)	4284725433 (0xFF63B8B9)
YUV	158.6990, 12.9664, -52.3560
Hunter-Lab	63.5896, -24.1421, -4.0345

Details

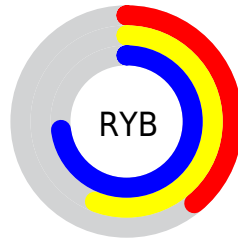
The Decimal color **6535353** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12149859**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **10219761**, and **2589572** is the 20% darker color. If you saturate the color by 10%, you get **5355705**, and if you desaturate by 10%, it is **7780537**.

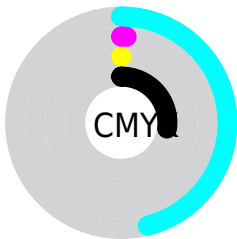
Distribution



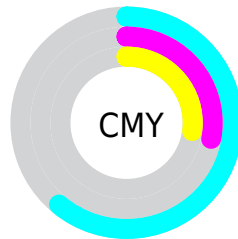
- Red (39%)
- Green (72%)
- Blue (73%)



- Red (39%)
- Yellow (56%)
- Blue (73%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (61%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6535353 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 6535353 by changing the saturation by 10% instead.



6535353



6535353

16777215



4627870



10219761



2589572



12124159



26987



14024703



20819



15925247



14652



9254



274



0



6535353



6535353

■ 5355705

■ 7780537

■ 4110521

■ 8960185

■ 2930617

■ 10205625

■ 1685433

■ 11385273

■ 440249

■ 12630457

■ 47033

■ 13810105

■ 15055545

■ 16235193

■ 16759481

Harmonies

Analogous

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



7780256



6535353



6665678

Triad

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



6535353



12623819



12953211

Complementary

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



6535353



12149859

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.



14065287



6535353



13998773

Square

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



6535353



10594520



14457244



11316860

Rectangle

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



6535353



7713495



14457244



13345662

Sweetspot

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



6535353



13561840



6535523



6518904



16250871



7895160

Same Dimension

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



6535353



6942448



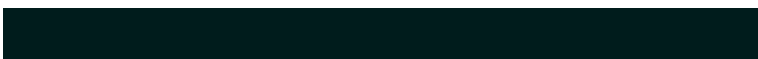
6524601



5463132



39580



7196

Inverse Universe

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



12149688



15755758



12160611



6050652



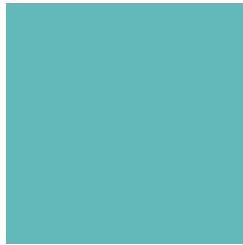
10223770



1835036

Previews

White Background



This preview shows how the Decimal color 6535353 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 6535353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

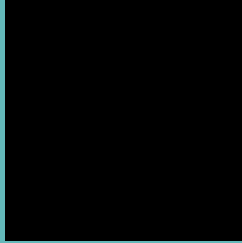
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

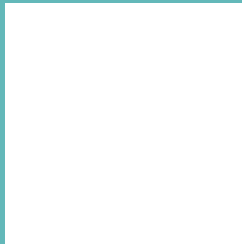
Any Text WCAG AAA ✓ Pass

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

Decimal 6535353 Background



This preview shows how black text looks on a background with the Decimal color 6535353.

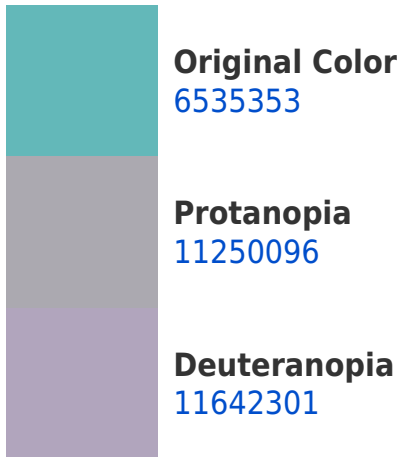


This preview shows how white text looks on a background with the Decimal color 6535353.

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
6796997

Trichromacy



Original Color
6535353



Protanomaly
9547443



Deuteranomaly
9809084



Tritanomaly
6731713

Monochromacy



Original Color
6535353



Achromatopsia
10461087



Achromatomaly
9021608

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6535353 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 #63B8B9 looks like.

```
.text, #text, p{  
    color:#63B8B9  
}
```

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 #63B8B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B8B9
}
```

Border

The CSS property to change the border of an element to Decimal 6535353 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
#63B8B9 }
```

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

```
.border{ border-color:#63B8B9 }
```

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

Here you see how a box with a 4 pixel #63B8B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B8B9; -webkit-box-shadow:4px 4px  
4px 4px #63B8B9; box-shadow:4px 4px 4px  
4px #63B8B9 }
```

Background

The CSS property to change the background color of an element to Decimal 6535353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B8B9 }
```

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

```
.background{ background-color:#63B8B9 }
```

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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