

Converting Colors

Decimal(6738662)

Have a look what the booklet for
Decimal(6738662) contains.

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Color

Decimal(6738662)

Conversions

Conversions Part 1

Format	Color
Hex	66D2E6
RGB	102, 210, 230
RGB Percent	40%, 82%, 90%
CMY	0.6000, 0.1765, 0.0980
CMYK	0.56, 0.09, 0.00, 0.10
HSL	189°, 72%, 65%
HSV	189°, 56%, 90%
XYZ	42.8090, 54.6311, 83.1515
YIQ	179.9880, -70.7880, -16.6760

Conversions

Conversions Part 2

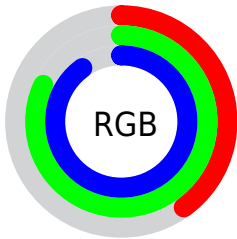
Format	Color
R _{YB}	102, 161, 230
Decimal	6738662
CIE _{Lab}	78.83, -25.48, -19.31
CIE _{LCh}	79, 31.968, 217.166
Yxy	54.6311, 0.2370, 0.3025
Android (android.graphics.Color)	4284928742 (0xFF66D2E6)
YUV	179.9880, 24.6559, -68.3955
Hunter-Lab	73.9129, -25.9636, -14.9618

Details

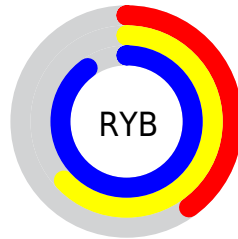
The Decimal color **6738662** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **15104614**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **10682367**, and **1874862** is the 20% darker color. If you saturate the color by 10%, you get **5230310**, and if you desaturate by 10%, it is **8247014**.

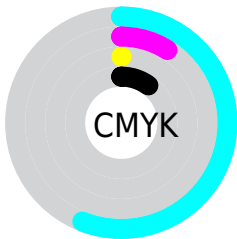
Distribution



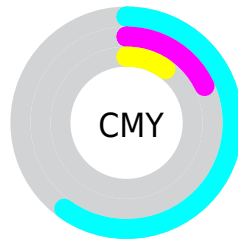
- Red (40%)
- Green (82%)
- Blue (90%)



- Red (40%)
- Yellow (63%)
- Blue (90%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)

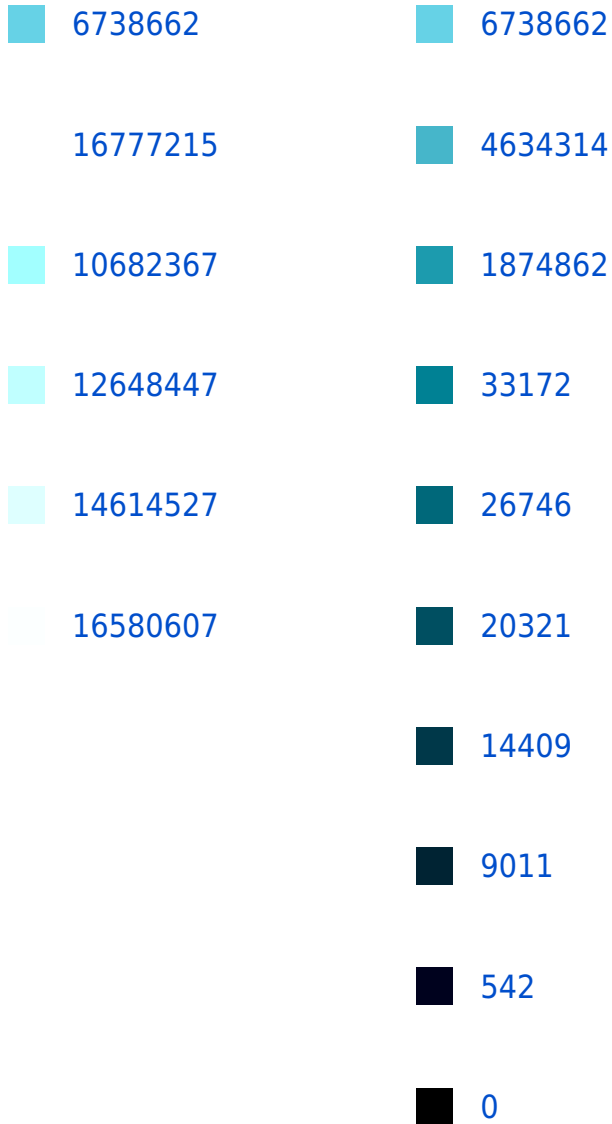


- Cyan (60%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6738662 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 6738662 by changing the saturation by 10% instead.



■ 6738662

■ 6738662

■ 5230310

■ 8247014

■ 3722214

■ 9755110

■ 2213862

■ 11263462

■ 705766

■ 12771558

■ 49894

■ 14279910

■ 15788262

■ 16772070

■ 16773094

■ 16773862

Harmonies

Analogous

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



7394505



6738662



8244473

Triad

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



6738662



15708379



13747336

Complementary

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



6738662



15104614

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.



15513997



6738662



16690621

Square

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



6738662



13744627



16560545



11652243

Rectangle

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



6738662



10078206



16560545



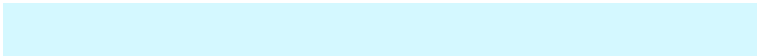
14401672

Sweetspot

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



6738662



13957375



6743673



6716544



0



8421504

Same Dimension

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



6738662



5563647



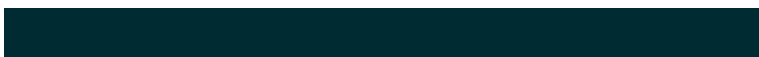
6722534



6779251



38835



11059

Inverse Universe

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



15099602



16733412



15120742



7563121



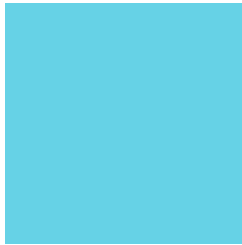
11731095



3342379

Previews

White Background



This preview shows how the Decimal color 6738662 looks on a white background.

Color Contrast Check

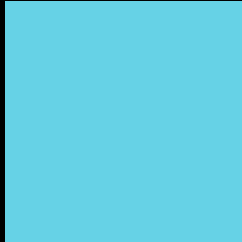
Large Text (above 18pt) WCAG AA × Fail

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 6738662 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 6738662 Background



This preview shows how black text looks on a background with the Decimal color 6738662.

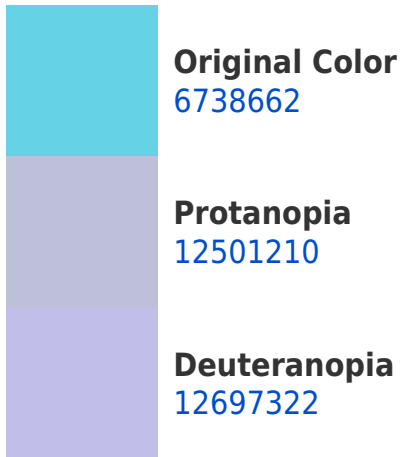


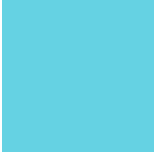
This preview shows how white text looks on a background with the Decimal color 6738662.

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



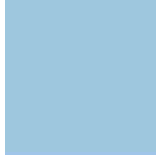


Tritanopia
6673123

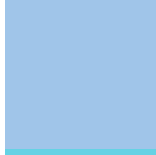
Trichromacy



Original Color
6738662



Protanomaly
10405854



Deuteranomaly
10536425

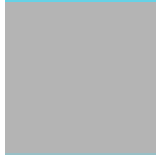


Tritanomaly
6673124

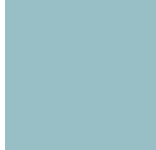
Monochromacy



Original Color
6738662



Achromatopsia
11842740



Achromatomaly
10010566

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6738662 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 #66D2E6 looks like.

```
.text, #text, p{  
    color:#66D2E6  
}
```

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 #66D2E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D2E6
}
```

Border

The CSS property to change the border of an element to Decimal 6738662 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
#66D2E6 }
```

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

```
.border{ border-color:#66D2E6 }
```

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

Here you see how a box with a 4 pixel #66D2E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D2E6; -webkit-box-shadow:4px 4px  
4px 4px #66D2E6; box-shadow:4px 4px 4px  
4px #66D2E6 }
```

Background

The CSS property to change the background color of an element to Decimal 6738662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D2E6 }
```

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

```
.background{ background-color:#66D2E6 }
```

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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