

Converting Colors

Decimal(6737030)

Have a look what the booklet for
Decimal(6737030) contains.

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Color

Decimal(6737030)

Conversions

Conversions Part 1

Format	Color
Hex	66CC86
RGB	102, 204, 134
RGB Percent	40%, 80%, 53%
CMY	0.6000, 0.2000, 0.4745
CMYK	0.50, 0.00, 0.34, 0.20
HSL	139°, 50%, 60%
HSV	139°, 50%, 80%
XYZ	31.3754, 47.7317, 30.1137
YIQ	165.5220, -38.3220, -43.3940

Conversions

Conversions Part 2

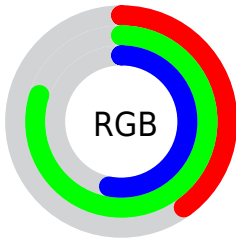
Format	Color
RYB	102, 180, 204
Decimal	6737030
CIELab	74.66, -45.20, 26.00
CIELCh	75, 52.141, 150.094
Yxy	47.7317, 0.2873, 0.4370
Android (android.graphics.Color)	4284927110 (0xFF66CC86)
YUV	165.5220, -15.5403, -55.7088
Hunter-Lab	69.0882, -39.8410, 22.5187

Details

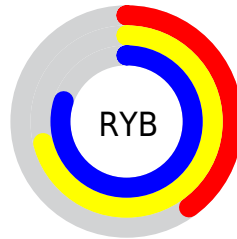
The Decimal color **6737030** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **13395628**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **10485692**, and **2790740** is the 20% darker color. If you saturate the color by 10%, you get **5426296**, and if you desaturate by 10%, it is **8047764**.

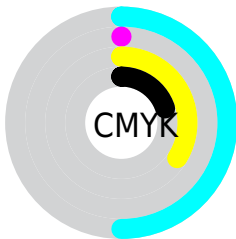
Distribution



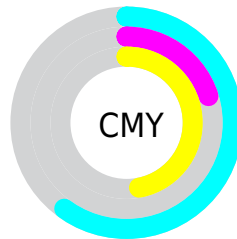
- Red (40%)
- Green (80%)
- Blue (53%)



- Red (40%)
- Yellow (71%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6737030 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 6737030 by changing the saturation by 10% instead.

 6737030

 6737030

16777215

 4829292

 10485692

 2790740

 12320728

 31548

 14286836

 24869

 16187391

 18446

 12544

 6400

 0

 6737030

 6737030

■ 5426296

■ 8047764

■ 4050026

■ 9424034

■ 2739292

■ 10734768

■ 1363022

■ 12111038

■ 52288

■ 13421772

■ 14732506

■ 16108776

■ 16764150

■ 16764159

Harmonies

Analogous

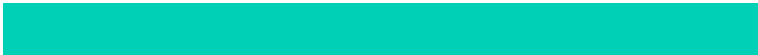
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10732386



6737030



53430

Triad

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



6737030



6471167



16749706

Complementary

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



6737030



13395628

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.



16748729



6737030



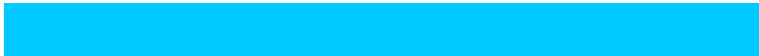
12299263

Square

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



6737030



51711



15964648



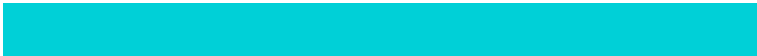
16426085

Rectangle

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



6737030



53463



15964648



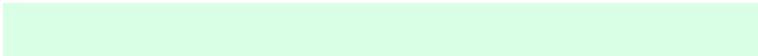
16748953

Sweetspot

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



6737030



14286821



11390054



6914160



0



8421504

Same Dimension

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



6737030



6750102



6737080



6055519



42548



9740

Inverse Universe

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



13395628



16737999



13395578



6708323



10879090



2490394

Previews

White Background



This preview shows how the Decimal color 6737030 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 6737030 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 6737030 Background



This preview shows how black text looks on a background with the Decimal color 6737030.



This preview shows how white text looks on a background with the Decimal color 6737030.

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](#).

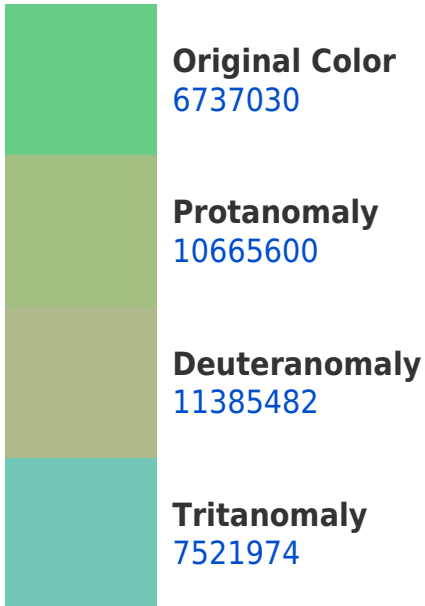
Dichromacy



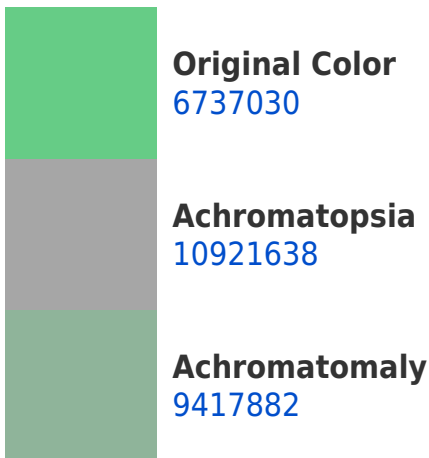


Tritanopia
7979986

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6737030 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 #66CC86 looks like.

```
.text, #text, p{  
    color:#66CC86  
}
```

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 #66CC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66CC86
}
```

Border

The CSS property to change the border of an element to Decimal 6737030 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
#66CC86 }
```

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

```
.border{ border-color:#66CC86 }
```

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

Here you see how a box with a 4 pixel #66CC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66CC86; -webkit-box-shadow:4px 4px  
4px 4px #66CC86; box-shadow:4px 4px 4px  
4px #66CC86 }
```

Background

The CSS property to change the background color of an element to Decimal 6737030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66CC86 }
```

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

```
.background{ background-color:#66CC86 }
```

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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