

Converting Colors

Decimal(6222033)

Have a look what the booklet for
Decimal(6222033) contains.

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Color

Decimal(6222033)

Conversions

Conversions Part 1

Format	Color
Hex	5EF0D1
RGB	94, 240, 209
RGB Percent	37%, 94%, 82%
CMY	0.6314, 0.0588, 0.1804
CMYK	0.61, 0.00, 0.13, 0.06
HSL	167°, 83%, 65%
HSV	167°, 61%, 94%
XYZ	47.2848, 69.3033, 71.2063
YIQ	192.8120, -77.0650, -40.5930

Conversions

Conversions Part 2

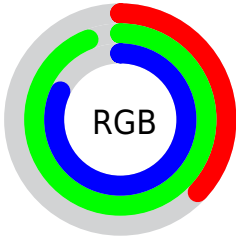
Format	Color
RYB	94, 176, 240
Decimal	6222033
CIELab	86.65, -46.29, 3.39
CIELCh	87, 46.413, 175.812
Yxy	69.3033, 0.2518, 0.3690
Android (android.graphics.Color)	4284412113 (0xFF5EF0D1)
YUV	192.8120, 7.9807, -86.6581
Hunter-Lab	83.2486, -44.2979, 7.5606

Details

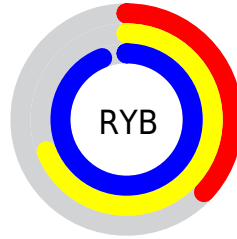
The Decimal color **6222033** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **15752829**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **10354687**, and **47003** is the 20% darker color. If you saturate the color by 10%, you get **4649164**, and if you desaturate by 10%, it is **7794902**.

Distribution



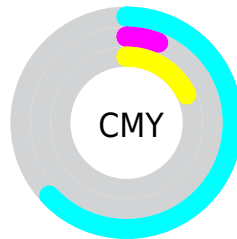
- Red (37%)
- Green (94%)
- Blue (82%)



- Red (37%)
- Yellow (69%)
- Blue (94%)



- Cyan (61%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (63%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6222033 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 6222033 by changing the saturation by 10% instead.

 6222033

 6222033

16777215

 3855285

 10354687

 47003

 12386303

 40065

 14352383


 33128

 16383999

 26448

 20025

 13859

 7950

 0

 6222033

 6222033

 4649164

 7794902

 3076295

 9367771

 1503426

 10940640

 61629

 12513509

 14086378

 15659248

 16773365

 16773370

 16773375

Harmonies

Analogous

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



10218406



6222033



61694

Triad

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



6222033



14012671



16762257

Complementary

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



6222033



15752829

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.



16759221



6222033



16761087

Square

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



6222033



9297919



16758753



16503936

Rectangle

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



6222033



847359



16758753



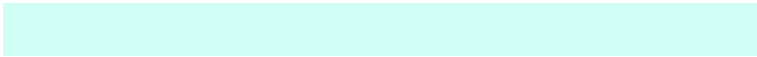
16760988

Sweetspot

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



6222033



13762549



8319070



6520954



0



8421504

Same Dimension

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



6222033



4587479



6211568



7108725



47249



14380

Inverse Universe

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



15752829



16729452



15763294



7892078



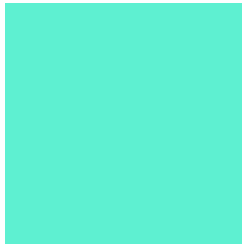
12058663



3670028

Previews

White Background



This preview shows how the Decimal color 6222033 looks on a white background.

Color Contrast Check

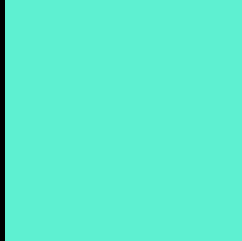
Large Text (above 18pt) WCAG AA × Fail

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 6222033 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 6222033 Background



This preview shows how black text looks on a background with the Decimal color 6222033.



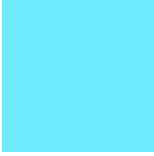
This preview shows how white text looks on a background with the Decimal color 6222033.

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



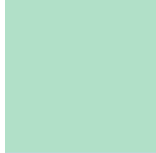


Tritanopia
7334653

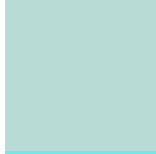
Trichromacy



Original Color
6222033



Protanomaly
11657416

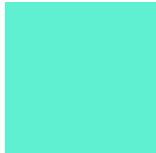


Deuteranomaly
12115157

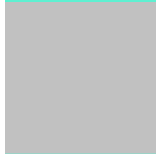


Tritanomaly
6941933

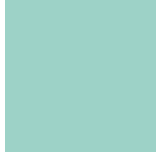
Monochromacy



Original Color
6222033



Achromatopsia
12698049



Achromatomaly
10343111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6222033 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 #5EF0D1 looks like.

```
.text, #text, p{  
    color:#5EF0D1  
}
```

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 #5EF0D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EF0D1
}
```

Border

The CSS property to change the border of an element to Decimal 6222033 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
#5EF0D1 }
```

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

```
.border{ border-color:#5EF0D1 }
```

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

Here you see how a box with a 4 pixel #5EF0D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EF0D1; -webkit-box-shadow:4px 4px  
4px 4px #5EF0D1; box-shadow:4px 4px 4px  
4px #5EF0D1 }
```

Background

The CSS property to change the background color of an element to Decimal 6222033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EF0D1 }
```

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

```
.background{ background-color:#5EF0D1 }
```

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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