

Converting Colors

Decimal(5426022)

Have a look what the booklet for
Decimal(5426022) contains.

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Color

Decimal(5426022)

Conversions

Conversions Part 1

Format	Color
Hex	52CB66
RGB	82, 203, 102
RGB Percent	32%, 80%, 40%
CMY	0.6784, 0.2039, 0.6000
CMYK	0.60, 0.00, 0.50, 0.20
HSL	130°, 54%, 56%
HSV	130°, 60%, 80%
XYZ	27.2339, 45.4650, 19.9106
YIQ	155.3070, -39.6950, -57.0630

Conversions

Conversions Part 2

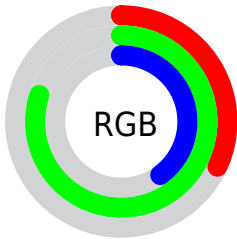
Format	Color
RYB	82, 186, 203
Decimal	5426022
CIELab	73.20, -54.84, 40.27
CIELCh	73, 68.036, 143.711
Yxy	45.4650, 0.2941, 0.4909
Android (android.graphics.Color)	4283616102 (0xFF52CB66)
YUV	155.3070, -26.2804, -64.2902
Hunter-Lab	67.4278, -45.9029, 29.6918

Details

The Decimal color **5426022** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **13324983**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9371547**, and **37940** is the 20% darker color. If you saturate the color by 10%, you get **4115285**, and if you desaturate by 10%, it is **6736759**.

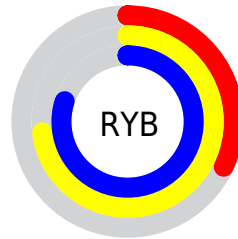
Distribution



Red (32%)

Green (80%)

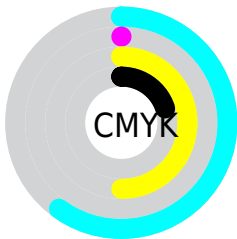
Blue (40%)



Red (32%)

Yellow (73%)

Blue (80%)

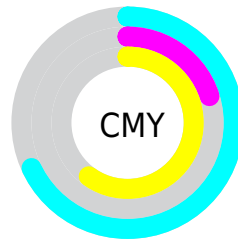


Cyan (60%)

Magenta (0%)

Yellow (50%)

Black (20%)



Cyan (68%)

Magenta (20%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5426022 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 5426022 by changing the saturation by 10% instead.



5426022



5426022

16777215



3190605



9371547



37940



11272118



31002



13238226



24320



15204335



17920



12288



4864



0



5426022



5426022

■ 4115285

■ 6736759

■ 2739012

■ 8113032

■ 1428275

■ 9423769

■ 117538

■ 10734506

■ 52002

■ 12110779

■ 13421516

■ 14732253

■ 16042990

■ 16763903

Harmonies

Analogous

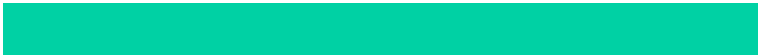
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10796854



5426022



53668

Triad

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



5426022



49151



16744069

Complementary

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



5426022



13324983

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.



16743108



5426022



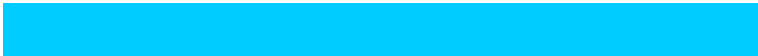
10332671

Square

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



5426022



52479



15961854



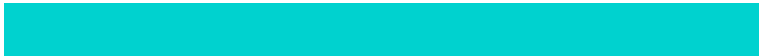
16749391

Rectangle

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



5426022



53967



15961854



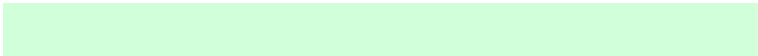
16743066

Sweetspot

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



5426022



13762521



12176210



6520936



0



8421504

Same Dimension

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



5426022



4718438



5426081



6055517



42523



9734

Inverse Universe

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



13324983



16730081



13324924



6708324



10879114



2490400

Previews

White Background



This preview shows how the Decimal color 5426022 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 5426022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

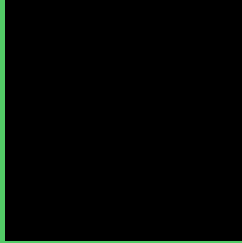
Any Text WCAG AA ✓ Pass

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 5426022 Background



This preview shows how black text looks on a background with the Decimal color 5426022.



This preview shows how white text looks on a background with the Decimal color 5426022.

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
5426022

Protanopia
12956510

Deuteranopia
14199406

Trichromacy



Original Color

5426022



Protanomaly

10206305



Deuteranomaly

10991211



Tritanomaly

6538153

Monochromacy



Original Color

5426022



Achromatopsia

10197915



Achromatomaly

8432776

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5426022 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 #52CB66 looks like.

```
.text, #text, p{  
    color:#52CB66  
}
```

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 #52CB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CB66
}
```

Border

The CSS property to change the border of an element to Decimal 5426022 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
#52CB66 }
```

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

```
.border{ border-color:#52CB66 }
```

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

Here you see how a box with a 4 pixel #52CB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CB66; -webkit-box-shadow:4px 4px  
4px 4px #52CB66; box-shadow:4px 4px 4px  
4px #52CB66 }
```

Background

The CSS property to change the background color of an element to Decimal 5426022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CB66 }
```

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

```
.background{ background-color:#52CB66 }
```

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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