

Converting Colors

Decimal(6274430)

Have a look what the booklet for
Decimal(6274430) contains.

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Color

Decimal(6274430)

Conversions

Conversions Part 1

Format	Color
Hex	5FBD7E
RGB	95, 189, 126
RGB Percent	37%, 74%, 49%
CMY	0.6275, 0.2588, 0.5059
CMYK	0.50, 0.00, 0.33, 0.26
HSL	140°, 42%, 56%
HSV	140°, 50%, 74%
XYZ	26.6828, 40.3344, 26.1177
YIQ	153.7120, -35.8010, -39.5210

Conversions

Conversions Part 2

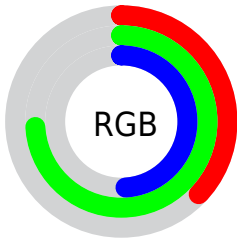
Format	Color
RYB	95, 166, 189
Decimal	6274430
CIELab	69.71, -42.04, 23.50
CIELCh	70, 48.160, 150.788
Yxy	40.3344, 0.2865, 0.4331
Android (android.graphics.Color)	4284464510 (0xFF5FBD7E)
YUV	153.7120, -13.6620, -51.4904
Hunter-Lab	63.5094, -36.1466, 20.0741

Details

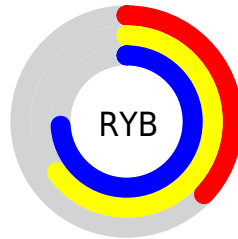
The Decimal color **6274430** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12410782**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9959091**, and **2328396** is the 20% darker color. If you saturate the color by 10%, you get **5029233**, and if you desaturate by 10%, it is **7519627**.

Distribution



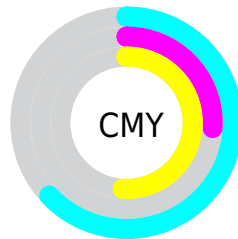
- Red (37%)
- Green (74%)
- Blue (49%)



- Red (37%)
- Yellow (65%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6274430 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 6274430 by changing the saturation by 10% instead.



6274430



6274430

16777215



4432485



9959091



2328396



11796431



27957



13697003



21535



15597567



15368



9984



0



6274430



6274430



5029233



7519627

■ 3784037

■ 8764823

■ 2538840

■ 10010020

■ 1293643

■ 11255217

■ 48447

■ 12500413

■ 48446

■ 13680074

■ 14925271

■ 16170467

■ 16760304

Harmonies

Analogous

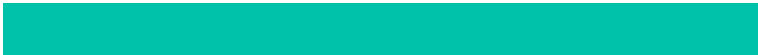
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9942365



6274430



49578

Triad

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



6274430



6401791



16485248

Complementary

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



6274430



12410782

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.



16418475



6274430



11509493

Square

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



6274430



47862



14782166



15112543

Rectangle

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



6274430



49608



14782166



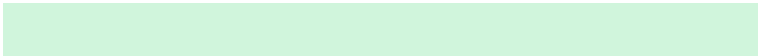
16615566

Sweetspot

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



6274430



13694428



10468703



6584940



16448250



8026746

Same Dimension

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



6274430



6485394



6274476



5594712



40500



7946

Inverse Universe

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



12410782



16081604



12410736



6182235



10354794



2031637

Previews

White Background



This preview shows how the Decimal color 6274430 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 6274430 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 6274430 Background



This preview shows how black text looks on a background with the Decimal color 6274430.



This preview shows how white text looks on a background with the Decimal color 6274430.

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
7386307

Trichromacy



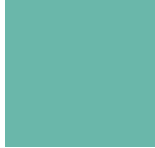
Original Color
6274430



Protanomaly
9941112



Deuteranomaly
10595458



Tritanomaly
6993834

Monochromacy



Original Color
6274430



Achromatopsia
10132122



Achromatomaly
8759184

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6274430 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 #5FBD7E looks like.

```
.text, #text, p{  
    color:#5FBD7E  
}
```

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 #5FBD7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBD7E
}
```

Border

The CSS property to change the border of an element to Decimal 6274430 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
#5FBD7E }
```

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

```
.border{ border-color:#5FBD7E }
```

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

Here you see how a box with a 4 pixel #5FBD7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBD7E; -webkit-box-shadow:4px 4px  
4px 4px #5FBD7E; box-shadow:4px 4px 4px  
4px #5FBD7E }
```

Background

The CSS property to change the background color of an element to Decimal 6274430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBD7E }
```

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

```
.background{ background-color:#5FBD7E }
```

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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