

Converting Colors

Decimal(6276223)

Have a look what the booklet for
Decimal(6276223) contains.

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Color

Decimal(6276223)

Conversions

Conversions Part 1

Format	Color
Hex	5FC47F
RGB	95, 196, 127
RGB Percent	37%, 77%, 50%
CMY	0.6275, 0.2314, 0.5020
CMYK	0.52, 0.00, 0.35, 0.23
HSL	139°, 46%, 57%
HSV	139°, 52%, 77%
XYZ	28.2900, 43.4451, 26.9734
YIQ	157.9350, -38.0470, -42.8710

Conversions

Conversions Part 2

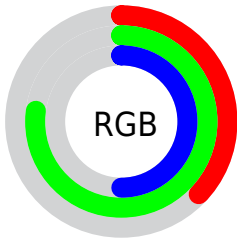
Format	Color
RYB	95, 172, 196
Decimal	6276223
CIELab	71.86, -44.85, 25.87
CIELCh	72, 51.777, 150.028
Yxy	43.4451, 0.2866, 0.4401
Android (android.graphics.Color)	4284466303 (0xFF5FC47F)
YUV	157.9350, -15.2510, -55.1940
Hunter-Lab	65.9129, -38.7348, 21.8759

Details

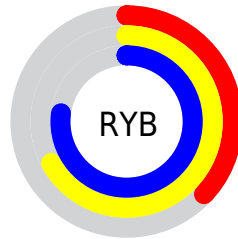
The Decimal color **6276223** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **12869540**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **10026420**, and **2198861** is the 20% darker color. If you saturate the color by 10%, you get **4965490**, and if you desaturate by 10%, it is **7586956**.

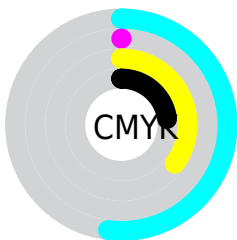
Distribution



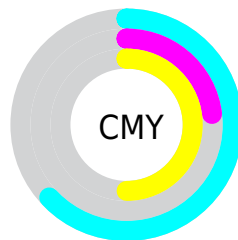
- Red (37%)
- Green (77%)
- Blue (50%)



- Red (37%)
- Yellow (67%)
- Blue (77%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)



- Cyan (63%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6276223 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 6276223 by changing the saturation by 10% instead.

 6276223

 6276223

16777215

 4368486

 10026420

 2198861

 11861968


 29494

 13762540

 23071

 15728639

 16648

 11008

 3328

 0

 6276223

 6276223

■ 4965490

■ 7586956

■ 3720292

■ 8832154

■ 2409559

■ 10142887

■ 1164361

■ 11388085

■ 50238

■ 12698818

■ 14009551

■ 15254749

■ 16565482

■ 16762104

Harmonies

Analogous

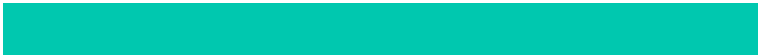
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10271579



6276223



51375

Triad

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



6276223



5879295



16747907

Complementary

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



6276223



12869540

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.



16746674



6276223



11773183

Square

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



6276223



49663



15373024



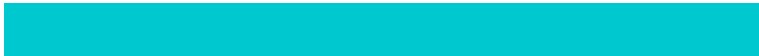
15834207

Rectangle

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



6276223



51407



15373024



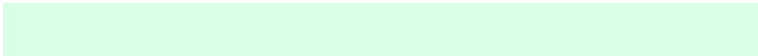
16747154

Sweetspot

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



6276223



14286821



10798175



6914160



0



8421504

Same Dimension

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



6276223



6422419



6276273



5726554



41267



8459

Inverse Universe

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



12869540



16736717



12869490



6379358



10551406



2162711

Previews

White Background



This preview shows how the Decimal color 6276223 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 6276223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

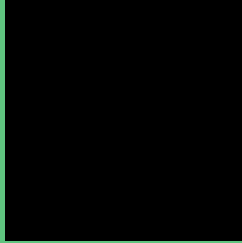
Any Text WCAG AA ✓ Pass

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 6276223 Background



This preview shows how black text looks on a background with the Decimal color 6276223.

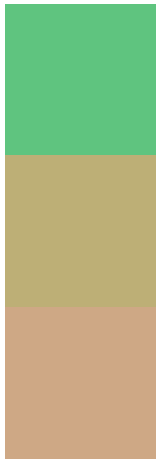


This preview shows how white text looks on a background with the Decimal color 6276223.

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](#).

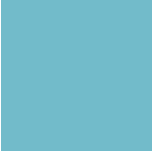
Dichromacy



Original Color
6276223

Protanopia
12431222

Deuteranopia
13543557



Tritanopia
7519178

Trichromacy



Original Color

6276223



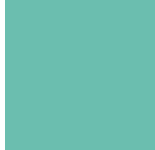
Protanomaly

10205049



Deuteranomaly

10924675



Tritanomaly

7061167

Monochromacy



Original Color

6276223



Achromatopsia

10395294



Achromatomaly

8891539

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6276223 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 #5FC47F looks like.

```
.text, #text, p{  
    color:#5FC47F  
}
```

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 #5FC47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC47F
}
```

Border

The CSS property to change the border of an element to Decimal 6276223 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
#5FC47F }
```

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

```
.border{ border-color:#5FC47F }
```

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

Here you see how a box with a 4 pixel #5FC47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC47F; -webkit-box-shadow:4px 4px  
4px 4px #5FC47F; box-shadow:4px 4px 4px  
4px #5FC47F }
```

Background

The CSS property to change the background color of an element to Decimal 6276223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC47F }
```

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

```
.background{ background-color:#5FC47F }
```

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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