

Converting Colors

Decimal(6275958)

Have a look what the booklet for
Decimal(6275958) contains.

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Color

Decimal(6275958)

Conversions

Conversions Part 1

Format	Color
Hex	5FC376
RGB	95, 195, 118
RGB Percent	37%, 76%, 46%
CMY	0.6275, 0.2353, 0.5373
CMYK	0.51, 0.00, 0.39, 0.24
HSL	134°, 45%, 57%
HSV	134°, 51%, 76%
XYZ	27.5044, 42.7711, 23.9456
YIQ	156.3220, -34.8830, -45.1470

Conversions

Conversions Part 2

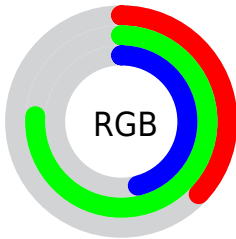
Format	Color
RYB	95, 176, 195
Decimal	6275958
CIELab	71.40, -46.00, 29.97
CIELCh	71, 54.903, 146.919
Yxy	42.7711, 0.2919, 0.4539
Android (android.graphics.Color)	4284466038 (0xFF5FC376)
YUV	156.3220, -18.8927, -53.7794
Hunter-Lab	65.3996, -39.3795, 24.0712

Details

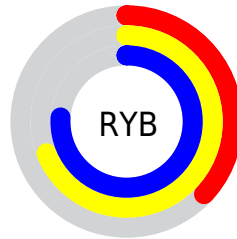
The Decimal color **6275958** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **12804012**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **10026155**, and **2198596** is the 20% darker color. If you saturate the color by 10%, you get **5030759**, and if you desaturate by 10%, it is **7586693**.

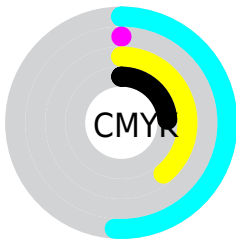
Distribution



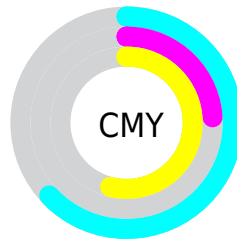
- Red (37%)
- Green (76%)
- Blue (46%)



- Red (37%)
- Yellow (69%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (63%)
- Magenta (24%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6275958 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 6275958 by changing the saturation by 10% instead.



6275958



6275958

16777215



4368221



10026155



2198596



11861958



29229



13762531



22805



15728639



16384



11008



2560



0



6275958



6275958

■ 5030759

■ 7586693

■ 3720024

■ 8831892

■ 2474825

■ 10142627

■ 1164090

■ 11387826

■ 49965

■ 12698561

■ 13943760

■ 15254495

■ 16499694

■ 16761853

Harmonies

Analogous

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



10467665



6275958



51368

Triad

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



6275958



3716863



16746628

Complementary

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



6275958



12804012

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.



16745654



6275958



11117823

Square

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



6275958



49919



15241446



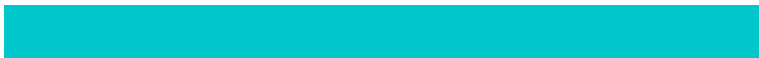
16160860

Rectangle

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



6275958



51402



15241446



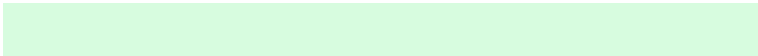
16745876

Sweetspot

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



6275958



14154975



11387743



6914158



0



8421504

Same Dimension

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



6275958



6356100



6276007



5726553



41253



8456

Inverse Universe

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



12804012



16539864



12803963



6379359



10551420



2162714

Previews

White Background



This preview shows how the Decimal color 6275958 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 6275958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

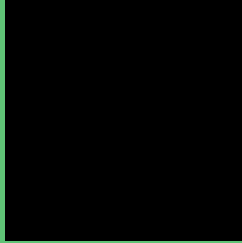
Any Text WCAG AA ✓ Pass

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 6275958 Background



This preview shows how black text looks on a background with the Decimal color 6275958.



This preview shows how white text looks on a background with the Decimal color 6275958.

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
7584200

Trichromacy



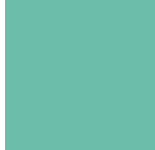
Original Color
6275958



Protanomaly
10204785



Deuteranomaly
10924410



Tritanomaly
7126442

Monochromacy



Original Color
6275958



Achromatopsia
10263708



Achromatomaly
8825486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6275958 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 #5FC376 looks like.

```
.text, #text, p{  
    color:#5FC376  
}
```

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 #5FC376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC376
}
```

Border

The CSS property to change the border of an element to Decimal 6275958 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
#5FC376 }
```

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

```
.border{ border-color:#5FC376 }
```

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

Here you see how a box with a 4 pixel #5FC376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC376; -webkit-box-shadow:4px 4px  
4px 4px #5FC376; box-shadow:4px 4px 4px  
4px #5FC376 }
```

Background

The CSS property to change the background color of an element to Decimal 6275958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC376 }
```

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

```
.background{ background-color:#5FC376 }
```

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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