

Converting Colors

Decimal(6271347)

Have a look what the booklet for
Decimal(6271347) contains.

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Color

Decimal(6271347)

Conversions

Conversions Part 1

Format	Color
Hex	5FB173
RGB	95, 177, 115
RGB Percent	37%, 69%, 45%
CMY	0.6275, 0.3059, 0.5490
CMYK	0.46, 0.00, 0.35, 0.31
HSL	135°, 34%, 53%
HSV	135°, 46%, 69%
XYZ	23.5360, 35.1150, 21.7571
YIQ	145.4140, -28.9700, -36.6660

Conversions

Conversions Part 2

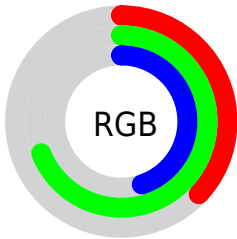
Format	Color
RYB	95, 161, 177
Decimal	6271347
CIELab	65.84, -38.77, 24.17
CIELCh	66, 45.690, 148.056
Yxy	35.1150, 0.2927, 0.4367
Android (android.graphics.Color)	4284461427 (0xFF5FB173)
YUV	145.4140, -14.9941, -44.2131
Hunter-Lab	59.2579, -32.8049, 19.7117

Details

The Decimal color **6271347** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11624349**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9890215**, and **2587714** is the 20% darker color. If you saturate the color by 10%, you get **5091686**, and if you desaturate by 10%, it is **7451008**.

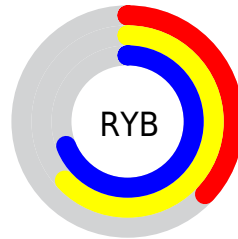
Distribution



Red (37%)

Green (69%)

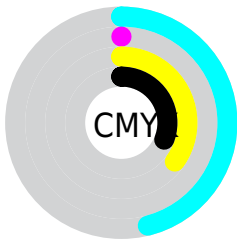
Blue (45%)



Red (37%)

Yellow (63%)

Blue (69%)

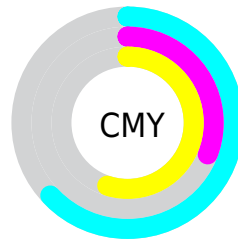


Cyan (46%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (63%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6271347 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 6271347 by changing the saturation by 10% instead.

■ 6271347

■ 6271347

16777215

■ 4494938

■ 9890215

■ 2587714

■ 11730883

■ 25131

■ 13565919

■ 18965

■ 15466492

■ 12800

■ 7424

■ 0

■ 6271347

■ 6271347

■ 5091686

■ 7451008

■ 3977560

■ 8565134

■ 2797899

■ 9744795

■ 1618237

■ 10924457

■ 438576

■ 12104118

■ 45355

■ 13218243

■ 14397905

■ 15577566

■ 16691691

Harmonies

Analogous

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



9611605



6271347



46492

Triad

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



6271347



5481970



15499644

Complementary

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



6271347



11624349

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.



15367844



6271347



10458856

Square

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



6271347



45029



13666252



14388827

Rectangle

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



6271347



46520



13666252



15630217

Sweetspot

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



6271347



12969677



10400095



6255460



15921906



7566195

Same Dimension

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



6271347



6678148



6271387



5265747



39205



6662

Inverse Universe

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



11624349



15099334



11624309



5853271



10027124



1703955

Previews

White Background



This preview shows how the Decimal color 6271347 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 6271347 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 6271347 Background



This preview shows how black text looks on a background with the Decimal color 6271347.



This preview shows how white text looks on a background with the Decimal color 6271347.

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
6271347

Protanopia
11313003

Deuteranopia
12294520



Tritanopia
7252406

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6271347 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 #5FB173 looks like.

```
.text, #text, p{  
  color:#5FB173  
}
```

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 #5FB173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB173
}
```

Border

The CSS property to change the border of an element to Decimal 6271347 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
#5FB173 }
```

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

```
.border{ border-color:#5FB173 }
```

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

Here you see how a box with a 4 pixel #5FB173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB173; -webkit-box-shadow:4px 4px  
4px 4px #5FB173; box-shadow:4px 4px 4px  
4px #5FB173 }
```

Background

The CSS property to change the background color of an element to Decimal 6271347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB173 }
```

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

```
.background{ background-color:#5FB173 }
```

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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