

Converting Colors

Decimal(6273627)

Have a look what the booklet for
Decimal(6273627) contains.

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Color

Decimal(6273627)

Conversions

Conversions Part 1

Format	Color
Hex	5FBA5B
RGB	95, 186, 91
RGB Percent	37%, 73%, 36%
CMY	0.6275, 0.2706, 0.6431
CMYK	0.49, 0.00, 0.51, 0.27
HSL	117°, 41%, 54%
HSV	117°, 51%, 73%
XYZ	24.1665, 38.3060, 16.0176
YIQ	147.9610, -23.7410, -48.8370

Conversions

Conversions Part 2

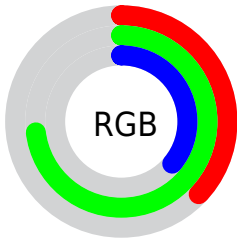
Format	Color
RYB	91, 186, 182
Decimal	6273627
CIELab	68.25, -46.37, 39.67
CIElCh	68, 61.024, 139.450
Yxy	38.3060, 0.3079, 0.4880
Android (android.graphics.Color)	4284463707 (0xFF5FBA5B)
YUV	147.9610, -28.0818, -46.4468
Hunter-Lab	61.8919, -38.6130, 27.9800

Details

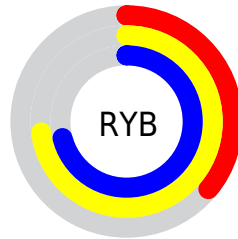
The Decimal color **6273627** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11951034**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9958287**, and **2327593** is the 20% darker color. If you saturate the color by 10%, you get **5093960**, and if you desaturate by 10%, it is **7453294**.

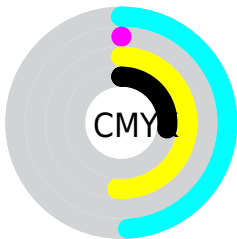
Distribution



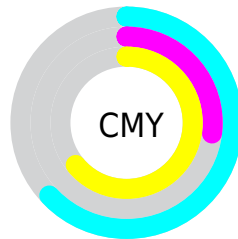
- Red (37%)
- Green (73%)
- Blue (36%)



- Red (36%)
- Yellow (73%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (63%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6273627 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 6273627 by changing the saturation by 10% instead.



6273627



6273627

16777215



4366146



9958287



2327593



11861930



27150



13762502



20736



15663074



14592



8960



0



6273627



6273627



5093960



7453294

 3914294

 8632960

 2800163

 9747091

 1620497

 10926757

 571904

 12106424

 13286091

 14465757

 15645424

 16759551

Harmonies

Analogous

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



10595893



6273627



49296

Triad

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



6273627



45823



16742021

Complementary

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



6273627



11951034

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.



16742076



6273627



8757503

Square

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



6273627



48633



14060015



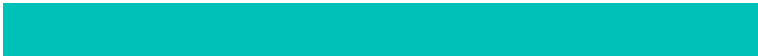
16418644

Rectangle

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



6273627



49591



14060015



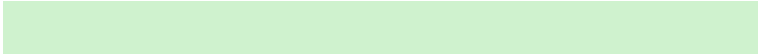
16741527

Sweetspot

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



6273627



13628110



12236123



6650468



16448250



8026746

Same Dimension

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



6273627



6681182



6011526



5463123



498688



72704

Inverse Universe

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



11951034



15490802



12213135



5985116



9765020



1769500

Previews

White Background



This preview shows how the Decimal color 6273627 looks on a white background.

Color Contrast Check

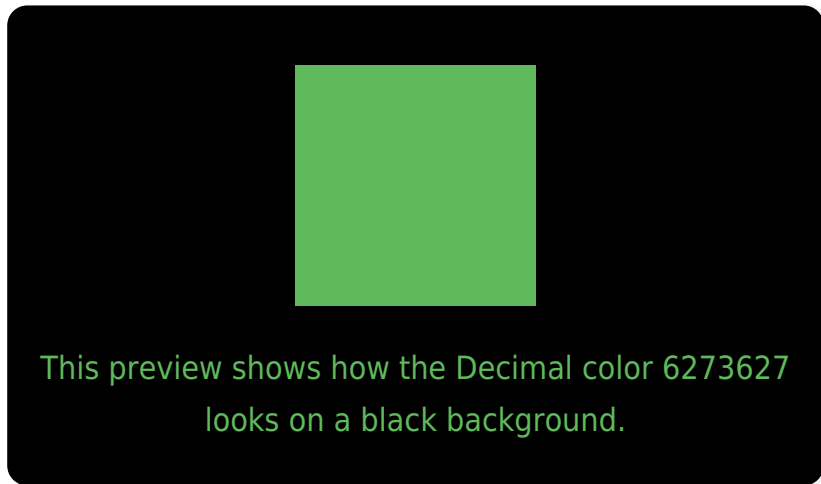
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

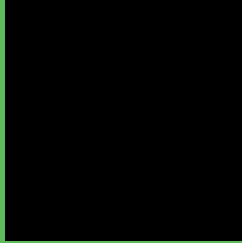
Any Text WCAG AA ✓ Pass

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 6273627 Background



This preview shows how black text looks on a background with the Decimal color 6273627.

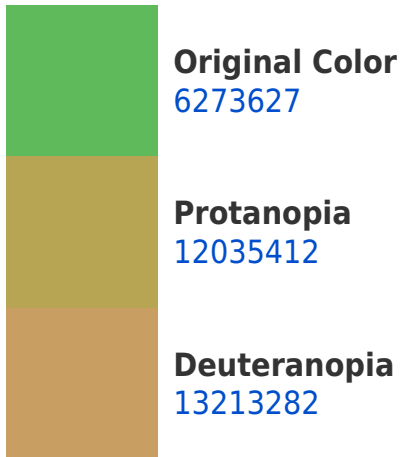


This preview shows how white text looks on a background with the Decimal color 6273627.

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
7647165

Trichromacy



Original Color
6273627



Protanomaly
9940311



Deuteranomaly
10659935



Tritanomaly
7123865

Monochromacy



Original Color
6273627



Achromatopsia
9737364



Achromatomaly
8495743

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6273627 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 #5FBA5B looks like.

```
.text, #text, p{  
    color:#5FBA5B  
}
```

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 #5FBA5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBA5B
}
```

Border

The CSS property to change the border of an element to Decimal 6273627 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
#5FBA5B }
```

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

```
.border{ border-color:#5FBA5B }
```

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

Here you see how a box with a 4 pixel #5FBA5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBA5B; -webkit-box-shadow:4px 4px  
4px 4px #5FBA5B; box-shadow:4px 4px 4px  
4px #5FBA5B }
```

Background

The CSS property to change the background color of an element to Decimal 6273627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBA5B }
```

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

```
.background{ background-color:#5FBA5B }
```

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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