

Converting Colors

Decimal(6342719)

Have a look what the booklet for
Decimal(6342719) contains.

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Color

Decimal(6342719)

Conversions

Conversions Part 1

Format	Color
Hex	60C83F
RGB	96, 200, 63
RGB Percent	38%, 78%, 25%
CMY	0.6235, 0.2157, 0.7529
CMYK	0.52, 0.00, 0.68, 0.22
HSL	106°, 55%, 52%
HSV	106°, 68%, 78%
XYZ	26.3754, 44.1542, 11.8351
YIQ	153.2860, -18.0070, -64.6550

Conversions

Conversions Part 2

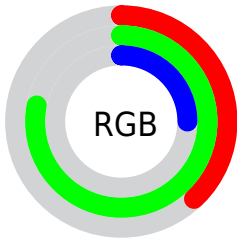
Format	Color
RYB	63, 200, 167
Decimal	6342719
CIELab	72.33, -54.61, 56.85
CIElCh	72, 78.828, 133.850
Yxy	44.1542, 0.3202, 0.5361
Android (android.graphics.Color)	4284532799 (0xFF60C83F)
YUV	153.2860, -44.5110, -50.2398
Hunter-Lab	66.4487, -45.4334, 35.9540

Details

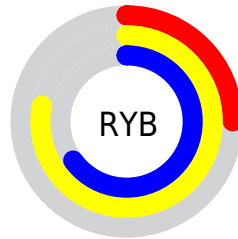
The Decimal color **6342719** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **10960840**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **10223477**, and **1806592** is the 20% darker color. If you saturate the color by 10%, you get **5359659**, and if you desaturate by 10%, it is **7325779**.

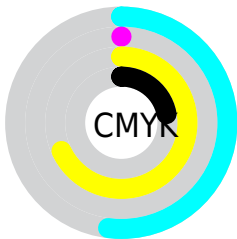
Distribution



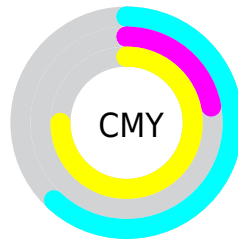
- Red (38%)
- Green (78%)
- Blue (25%)



- Red (25%)
- Yellow (78%)
- Blue (65%)



- Cyan (52%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (62%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6342719 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 6342719 by changing the saturation by 10% instead.



6342719



6342719

16777215



4303906



10223477



1806592



12124049



30464



14090157



23808



16056265



17408



16777190



11776



3840



0



6342719



6342719

■ 5359659

■ 7325779

■ 4376599

■ 8308839

■ 3328003

■ 9357435

■ 3196928

■ 10340495

■ 11323555

■ 12306615

■ 13289675

■ 14272735

■ 15321331

Harmonies

Analogous

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



11909120



6342719



53383

Triad

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



6342719



50431



16738451

Complementary

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



6342719



10960840

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.



16740315



6342719



5287679

Square

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



6342719



53503



14585599



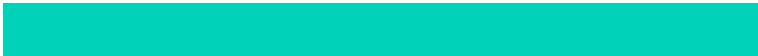
16744528

Rectangle

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



6342719



53945



14585599



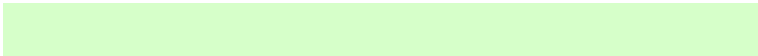
16737963

Sweetspot

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



6342719



14090185



13149759



6783072



0



8421504

Same Dimension

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



6342719



6356782



4180065



6054746



2597632



599040

Inverse Universe

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



10960840



13446911



13123494



6380131



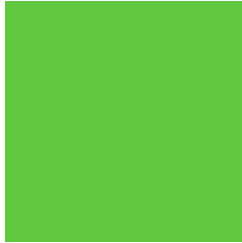
8126627



1769508

Previews

White Background



This preview shows how the Decimal color 6342719 looks on a white background.

Color Contrast Check

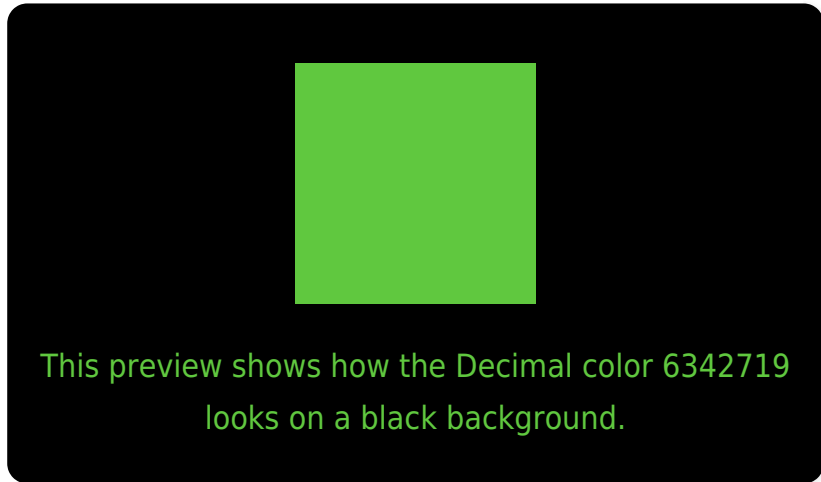
Large Text (above 18pt) WCAG AA × Fail

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 6342719 Background



This preview shows how black text looks on a background with the Decimal color 6342719.

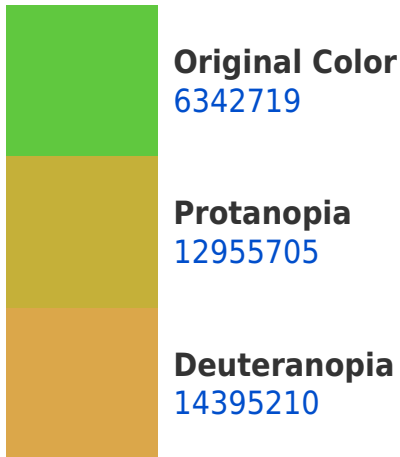


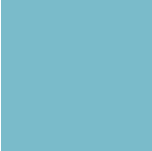
This preview shows how white text looks on a background with the Decimal color 6342719.

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
8043466

Trichromacy



Original Color

6342719



Protanomaly

10533179



Deuteranomaly

11449158



Tritanomaly

7454871

Monochromacy



Original Color

6342719



Achromatopsia

10066329



Achromatomaly

8694392

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6342719 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 #60C83F looks like.

```
.text, #text, p{  
    color:#60C83F  
}
```

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 #60C83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C83F
}
```

Border

The CSS property to change the border of an element to Decimal 6342719 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
#60C83F }
```

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

```
.border{ border-color:#60C83F }
```

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

Here you see how a box with a 4 pixel #60C83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C83F; -webkit-box-shadow:4px 4px  
4px 4px #60C83F; box-shadow:4px 4px 4px  
4px #60C83F }
```

Background

The CSS property to change the background color of an element to Decimal 6342719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C83F }
```

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

```
.background{ background-color:#60C83F }
```

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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