

Converting Colors

Decimal(6266159)

Have a look what the booklet for
Decimal(6266159) contains.

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Color

Decimal(6266159)

Conversions

Conversions Part 1

Format	Color
Hex	5F9D2F
RGB	95, 157, 47
RGB Percent	37%, 62%, 18%
CMY	0.6275, 0.3843, 0.8157
CMYK	0.39, 0.00, 0.70, 0.38
HSL	94°, 54%, 40%
HSV	94°, 70%, 62%
XYZ	17.2894, 26.7521, 6.9417
YIQ	125.9220, -1.6420, -47.3540

Conversions

Conversions Part 2

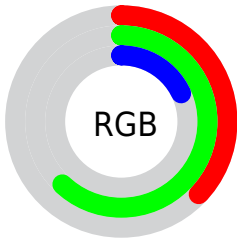
Format	Color
RYB	47, 157, 109
Decimal	6266159
CIELab	58.74, -38.87, 48.97
CIELCh	59, 62.523, 128.440
Yxy	26.7521, 0.3391, 0.5247
Android (android.graphics.Color)	4284456239 (0xFF5F9D2F)
YUV	125.9220, -38.9085, -27.1186
Hunter-Lab	51.7224, -30.8466, 28.2483

Details

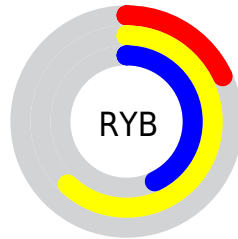
The Decimal color **6266159** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7155613**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9884771**, and **2582784** is the 20% darker color. If you saturate the color by 10%, you get **5676319**, and if you desaturate by 10%, it is **6855999**.

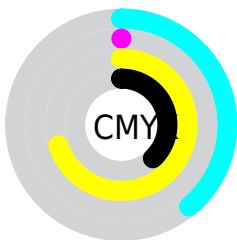
Distribution



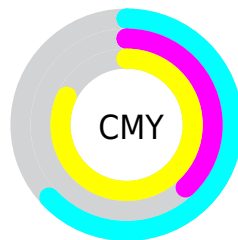
- Red (37%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (43%)



- Cyan (39%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6266159 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 6266159 by changing the saturation by 10% instead.



6266159



6266159

16777215



4490001



9884771



2582784



11727230



348160



13565849



14592



15531956



9472



16777169



0



16777197



6266159



6266159



5676319



6855999

■ 5086480

■ 7445838

■ 4562176

■ 8035678

■ 8559982

■ 9149822

■ 9739661

■ 10329501

■ 10919341

■ 11509180

Harmonies

Analogous

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



10129414



6266159



42083

Triad

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



6266159



40691



15751040

Complementary

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



6266159



7155613

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.



14377143



6266159



2134010

Square

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



6266159



42448



10713316



15164748

Rectangle

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



6266159



42889



10713316



15488915

Sweetspot

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



6266159



11848865



10316847



5793357



15132390



6710886

Same Dimension

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



6266159



7064609



3120437



4935495



4099840



462592

Inverse Universe

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



7155613



8462796



10301336



4998991



5243023



589839

Previews

White Background



This preview shows how the Decimal color 6266159 looks on a white background.

Color Contrast Check

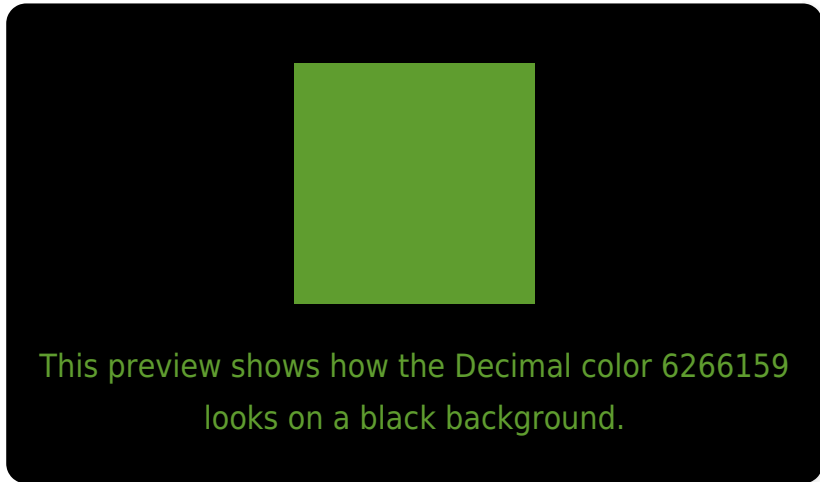
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6266159 Background



This preview shows how black text looks on a background with the Decimal color 6266159.



This preview shows how white text looks on a background with the Decimal color 6266159.

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
6266159

Protanopia
10390827

Deuteranopia
11503159

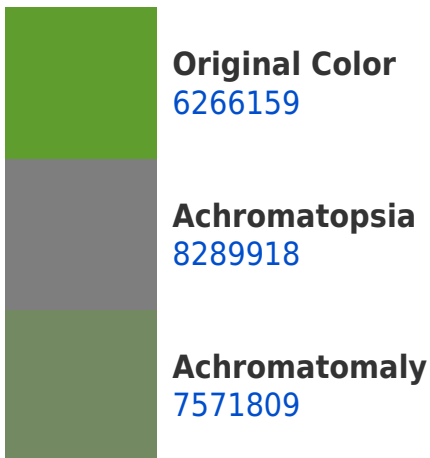


Tritanopia
7377822

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6266159 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 #5F9D2F looks like.

```
.text, #text, p{  
    color:#5F9D2F  
}
```

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 #5F9D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9D2F
}
```

Border

The CSS property to change the border of an element to Decimal 6266159 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
#5F9D2F }
```

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

```
.border{ border-color:#5F9D2F }
```

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

Here you see how a box with a 4 pixel #5F9D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9D2F; -webkit-box-shadow:4px 4px  
4px 4px #5F9D2F; box-shadow:4px 4px 4px  
4px #5F9D2F }
```

Background

The CSS property to change the background color of an element to Decimal 6266159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9D2F }
```

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

```
.background{ background-color:#5F9D2F }
```

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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