

# Converting Colors

Decimal(6261569)

Have a look what the booklet for  
Decimal(6261569) contains.

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**Color**

**Decimal(6261569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8B41
RGB	95, 139, 65
RGB Percent	37%, 55%, 25%
CMY	0.6275, 0.4549, 0.7451
CMYK	0.32, 0.00, 0.53, 0.45
HSL	96°, 36%, 40%
HSV	96°, 53%, 55%
XYZ	14.9061, 21.2798, 8.3228
YIQ	117.4080, -2.4700, -32.3420

# Conversions

## Conversions Part 2

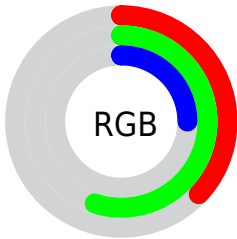
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 139, 109
Decimal	6261569
CIELab	53.25, -28.87, 34.53
CIELCh	53, 45.008, 129.906
Yxy	21.2798, 0.3349, 0.4781
Android (android.graphics.Color)	4284451649 (0xFF5F8B41)
YUV	117.4080, -25.8371, -19.6518
Hunter-Lab	46.1300, -23.0485, 21.5939

# Details

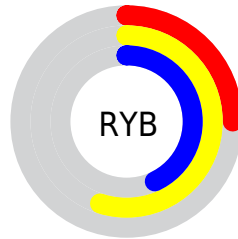
The Decimal color **6261569** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7160203**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9748851**, and **2971921** is the 20% darker color. If you saturate the color by 10%, you get **5737267**, and if you desaturate by 10%, it is **6785871**.

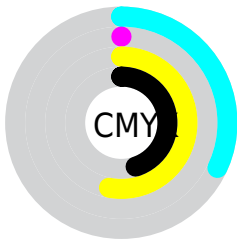
# Distribution



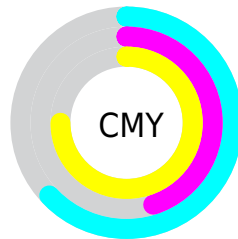
- Red (37%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (43%)



- Cyan (32%)
- Magenta (0%)
- Yellow (53%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6261569 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 6261569 by changing the saturation by 10% instead.





6261569



6261569

16777215



4616489



9748851



2971921



11525517



1261824



13367720



10752



15269827



5120



16777183



0

16777212



6261569



6261569



5737267



6785871

■ 5147429

■ 7375709

■ 4623127

■ 7900011

■ 4098825

■ 8424313

■ 3705600

■ 8948614

■ 9538452

■ 10062754

■ 10587056

■ 11111358

# Harmonies

## Analogous

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



9011502



6261569



1806691

# Triad

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



6261569



35527



13065588

# Complementary

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



6261569



7160203

# 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.



12083867



6261569



5341131

# Square

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



6261569



37296



9662651



12674383

# Rectangle

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



6261569



37502



9662651



12934529



# Sweetspot

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



6261569



10794392



9137217



5332042



14408667



6052956



# Same Dimension

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



6261569



7386433



4295495



4277566



3572992



132352



# Inverse Universe

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



7160203



8798645



9126277



4341317



5177477



196613



# Previews

## White Background



This preview shows how the Decimal color 6261569 looks on a white background.

## Color Contrast Check

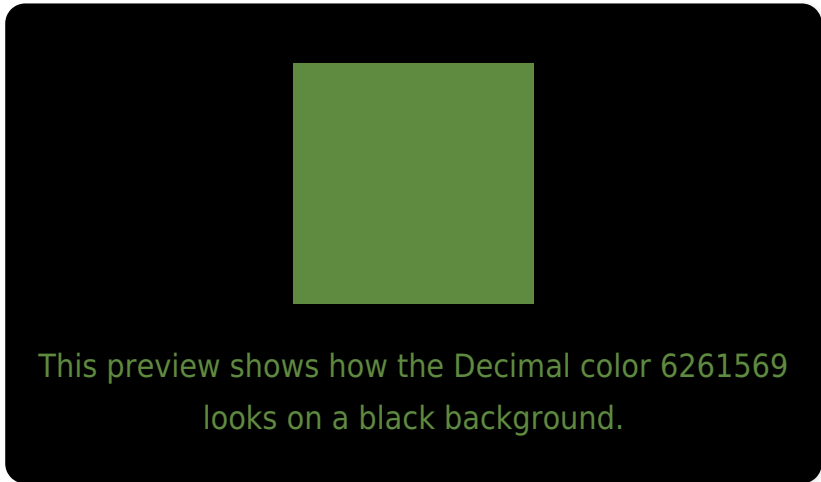
Large Text (above 18pt) WCAG AA ✓ Pass

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

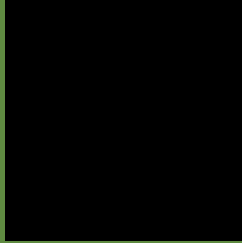
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6261569 Background



This preview shows how black text looks on a background with the Decimal color 6261569.



This preview shows how white text looks on a background with the Decimal color 6261569.

# 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**  
6261569

**Protanopia**  
9207613

**Deuteranopia**  
10189126



# Trichromacy



**Original Color**  
6261569

**Protanomaly**  
8160062

**Deuteranomaly**  
8749124

**Tritanomaly**  
6784625

# Monochromacy



**Original Color**  
6261569

**Achromatopsia**  
7697781

**Achromatomaly**  
7175522

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6261569 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 #5F8B41 looks like.

```
.text, #text, p{  
    color:#5F8B41  
}
```

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 #5F8B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8B41
}
```

## Border

The CSS property to change the border of an element to Decimal 6261569 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
#5F8B41 }
```

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

```
.border{ border-color:#5F8B41 }
```

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

Here you see how a box with a 4 pixel #5F8B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8B41; -webkit-box-shadow:4px 4px  
4px 4px #5F8B41; box-shadow:4px 4px 4px  
4px #5F8B41 }
```

# Background

The CSS property to change the background color of an element to Decimal 6261569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8B41 }
```

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

```
.background{ background-color:#5F8B41 }
```

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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