

# Converting Colors

Decimal(6266654)

Have a look what the booklet for  
Decimal(6266654) contains.

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**Color**

**Decimal(6266654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F9F1E
RGB	95, 159, 30
RGB Percent	37%, 62%, 12%
CMY	0.6275, 0.3765, 0.8824
CMYK	0.40, 0.00, 0.81, 0.38
HSL	90°, 68%, 37%
HSV	90°, 81%, 62%
XYZ	17.3518, 27.3229, 5.5876
YIQ	125.1580, 3.2650, -53.6870

# Conversions

## Conversions Part 2

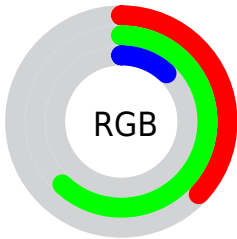
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 159, 94
Decimal	6266654
CIELab	59.27, -40.81, 55.46
CIELCh	59, 68.852, 126.346
Yxy	27.3229, 0.3452, 0.5436
Android (android.graphics.Color)	4284456734 (0xFF5F9F1E)
YUV	125.1580, -46.9129, -26.4486
Hunter-Lab	52.2713, -32.2206, 30.2520

# Details

The Decimal color **6266654** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6168223**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9950806**, and **2517760** is the 20% darker color. If you saturate the color by 10%, you get **5742350**, and if you desaturate by 10%, it is **6790958**.

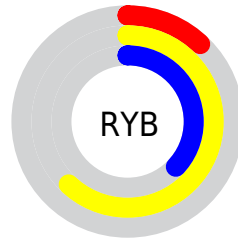
# Distribution



Red (37%)

Green (62%)

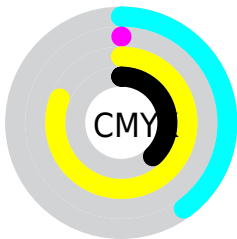
Blue (12%)



Red (12%)

Yellow (62%)

Blue (37%)

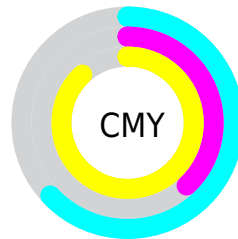


Cyan (40%)

Magenta (0%)

Yellow (81%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6266654 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 6266654 by changing the saturation by 10% instead.





6266654



6266654

16777215



4424960



9950806



2517760



11793265



20992



13696908



14848



15597480



9728



16777156



0



16777185

16777214



6266654



6266654

■ 5742350

■ 6790958

■ 5283584

■ 7315262

■ 7839566

■ 8363870

■ 8822638

■ 9346941

■ 9871245

■ 10395549

■ 10919853

# Harmonies

## Analogous

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



10457088



6266654



42843

# Triad

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



6266654



41726



16338564

# Complementary

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



6266654



6168223

# 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.



14769344



6266654



37631

# Square

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



6266654



43477



10516721



15818314

# Rectangle

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



6266654



43653



10516721



16076697



# Sweetspot

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



6266654



11980701



10443806



5925194



15263976



6908265



# Same Dimension

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



6266654



7065350



2137886



4935495



4755200



528128



# Inverse Universe

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



6168223



6948559



10296991



4933455



4653199



524303



# Previews

## White Background



This preview shows how the Decimal color 6266654 looks on a white background.

## Color Contrast Check

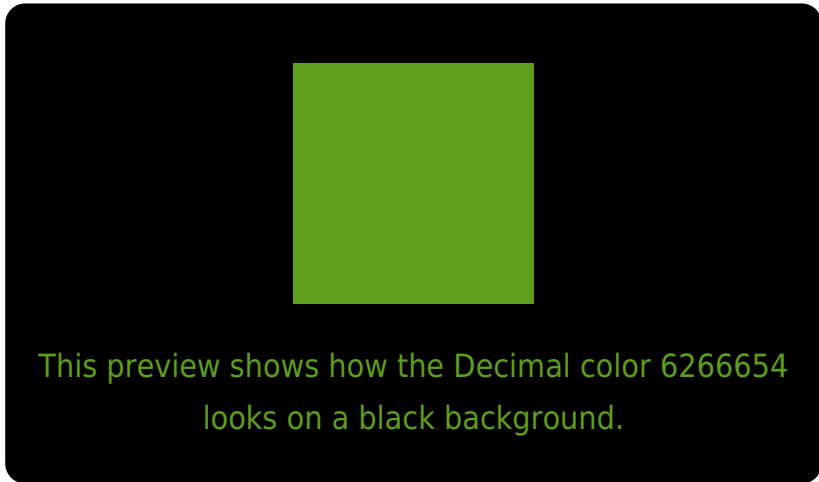
Large Text (above 18pt) WCAG AA ✓ Pass

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 6266654 Background



This preview shows how black text looks on a background with the Decimal color 6266654.



This preview shows how white text looks on a background with the Decimal color 6266654.

# 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**  
6266654

**Protanopia**  
10522138

**Deuteranopia**  
11700010



**Tritanopia**  
7443616

# Trichromacy



**Original Color**  
6266654

**Protanomaly**  
8950811

**Deuteranomaly**  
9736230

**Tritanomaly**  
6985841

# Monochromacy



**Original Color**  
6266654

**Achromatopsia**  
8224125

**Achromatomaly**  
7506266

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6266654 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 #5F9F1E looks like.

```
.text, #text, p{  
    color:#5F9F1E  
}
```

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 #5F9F1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9F1E
}
```

## Border

The CSS property to change the border of an element to Decimal 6266654 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
#5F9F1E }
```

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

```
.border{ border-color:#5F9F1E }
```

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

Here you see how a box with a 4 pixel #5F9F1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9F1E; -webkit-box-shadow:4px 4px  
4px 4px #5F9F1E; box-shadow:4px 4px 4px  
4px #5F9F1E }
```

# Background

The CSS property to change the background color of an element to Decimal 6266654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9F1E }
```

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

```
.background{ background-color:#5F9F1E }
```

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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