

# Converting Colors

Decimal(6196826)

Have a look what the booklet for  
Decimal(6196826) contains.

<b>Decimal(6196826)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6196826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E8E5A
RGB	94, 142, 90
RGB Percent	37%, 56%, 35%
CMY	0.6314, 0.4431, 0.6471
CMYK	0.34, 0.00, 0.37, 0.44
HSL	115°, 22%, 45%
HSV	115°, 37%, 56%
XYZ	16.1346, 22.4639, 13.1584
YIQ	121.7200, -11.9160, -26.3480

# Conversions

## Conversions Part 2

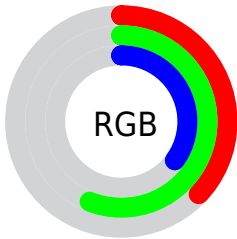
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 142, 138
Decimal	6196826
CIE <sub>Lab</sub>	54.52, -27.10, 22.70
CIE <sub>LCh</sub>	55, 35.349, 140.050
Y <sub>xy</sub>	22.4639, 0.3117, 0.4340
Android (android.graphics.Color)	4284386906 (0xFF5E8E5A)
YUV	121.7200, -15.6380, -24.3104
Hunter-Lab	47.3961, -22.1782, 16.7167

# Details

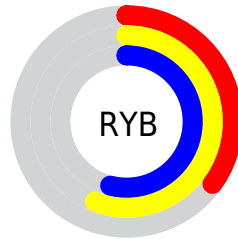
The Decimal color **6196826** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9067150**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9618573**, and **2906923** is the 20% darker color. If you saturate the color by 10%, you get **5344844**, and if you desaturate by 10%, it is **7048808**.

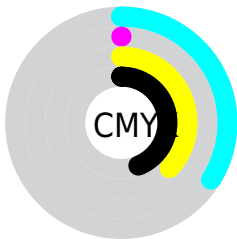
# Distribution



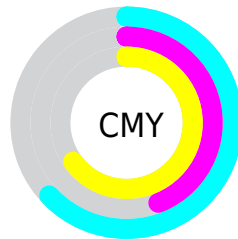
- Red (37%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (54%)



- Cyan (34%)
- Magenta (0%)
- Yellow (37%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6196826 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 6196826 by changing the saturation by 10% instead.





6196826



6196826

16777215



4551746



9618573



2906923



11395239



1262357



13237698



11520



15073246



6144



16777211



0



6196826



6196826



5344844



7048808



4492862



7900790

■ 3640879

■ 8752773

■ 2788897

■ 9604755

■ 1871379

■ 10522273

■ 1019397

■ 11374255

■ 757248

■ 12226237

■ 13078220

■ 13930202

# Harmonies

## Analogous

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



8488776



6196826



3248759

# Triad

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



6196826



4032958



12413807

# Complementary

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



6196826



9067150

# 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.



12020622



6196826



7765692

# Square

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



6196826



36784



10449834



11825749

# Rectangle

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



6196826



37516



10449834



12413561



# Sweetspot

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



6196826



10860707



9341530



5332048



14408667



6052956



# Same Dimension

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



6196826



7190631



5934704



4278080



689920



67584



# Inverse Universe

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



9067150



11626424



9329272



4669511



8192135



458760



# Previews

## White Background



This preview shows how the Decimal color 6196826 looks on a white background.

## Color Contrast Check

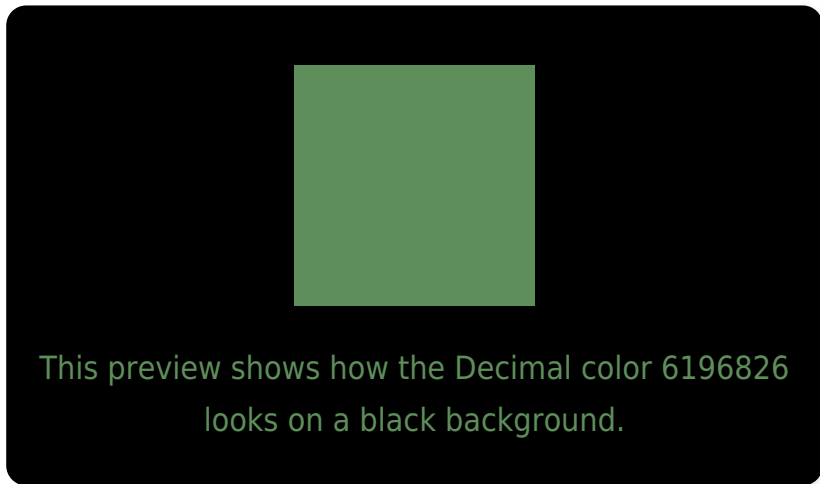
Large Text (above 18pt) WCAG AA ✓ Pass

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

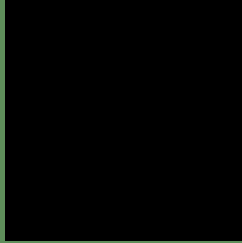
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6196826 Background



This preview shows how black text looks on a background with the Decimal color 6196826.



This preview shows how white text looks on a background with the Decimal color 6196826.

# 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**  
6196826

**Protanopia**  
9273941

**Deuteranopia**  
10124382

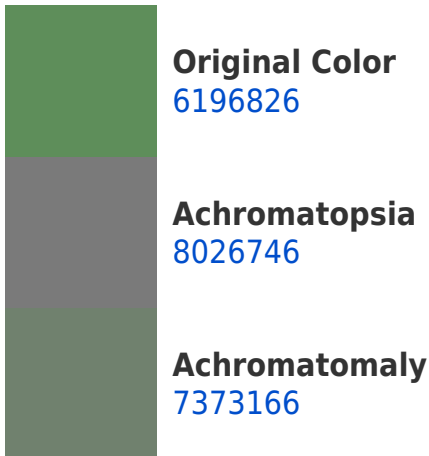


**Tritanopia**  
6850450

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6196826 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 #5E8E5A looks like.

```
.text, #text, p{  
    color:#5E8E5A  
}
```

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 #5E8E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8E5A
}
```

## Border

The CSS property to change the border of an element to Decimal 6196826 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".

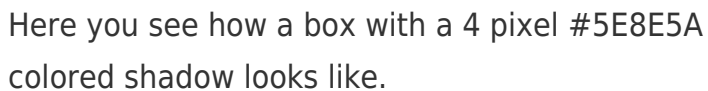
```
.border, #border, table{ border:4px solid
#5E8E5A }
```

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

```
.border{ border-color:#5E8E5A }
```

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

Here you see how a box with a 4 pixel #5E8E5A colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8E5A; -webkit-box-shadow:4px 4px  
4px 4px #5E8E5A; box-shadow:4px 4px 4px  
4px #5E8E5A }
```

# Background

The CSS property to change the background color of an element to Decimal 6196826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8E5A }
```

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

```
.background{ background-color:#5E8E5A }
```

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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