

# Converting Colors

Decimal(6066491)

Have a look what the booklet for  
Decimal(6066491) contains.

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**Color**

**Decimal(6066491)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C913B
RGB	92, 145, 59
RGB Percent	36%, 57%, 23%
CMY	0.6392, 0.4314, 0.7686
CMYK	0.37, 0.00, 0.59, 0.43
HSL	97°, 42%, 40%
HSV	97°, 59%, 57%
XYZ	15.3284, 22.8419, 7.7387
YIQ	119.3490, -3.9820, -37.9820

# Conversions

## Conversions Part 2

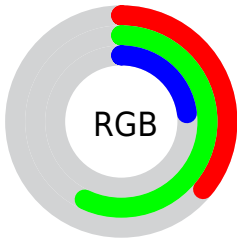
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 145, 112
Decimal	6066491
CIELab	54.91, -33.48, 39.41
CIELCh	55, 51.715, 130.350
Yxy	22.8419, 0.3339, 0.4975
Android (android.graphics.Color)	4284256571 (0xFF5C913B)
YUV	119.3490, -29.7521, -23.9851
Hunter-Lab	47.7932, -26.3887, 23.8549

# Details

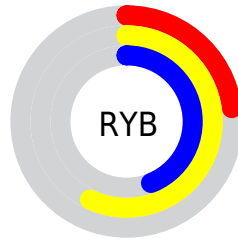
The Decimal color **6066491** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7355281**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9553773**, and **2645510** is the 20% darker color. If you saturate the color by 10%, you get **5476653**, and if you desaturate by 10%, it is **6656330**.

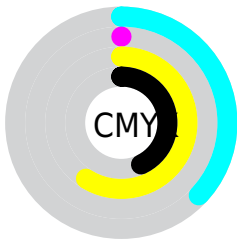
# Distribution



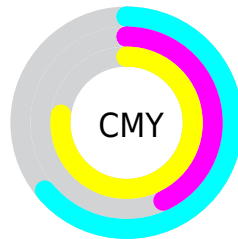
- Red (36%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (44%)



- Cyan (37%)
- Magenta (0%)
- Yellow (59%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6066491 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 6066491 by changing the saturation by 10% instead.



 6066491

 6066491

16777215

 4355874

 9553773

 2645510

 11395975

 673280

 13238178

 12032

 15138750

 6656

 16777178

 0

 16777207

 6066491

 6066491

 5476653

 6656330

■ 4886814

■ 7246168

■ 4296975

■ 7836006

■ 3707137

■ 8425845

■ 3707136

■ 9015684

■ 9605522

■ 10195361

■ 10719663

■ 11309502

# Harmonies

## Analogous

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



9274915



6066491



38756

# Triad

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



6066491



37079



13982326

# Complementary

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



6066491



7355281

# 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.



12935331



6066491



4817884

# Square

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



6066491



38844



10121672



13460812

# Rectangle

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



6066491



39299



10121672



13851269



# Sweetspot

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



6066491



11058587



9531195



5398090



14606046



6184542



# Same Dimension

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



6066491



6995255



3903812



4409152



3442432



198656



# Inverse Universe

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



7355281



8992701



9517960



4538439



5439623



327688



# Previews

## White Background



This preview shows how the Decimal color 6066491 looks on a white background.

## Color Contrast Check

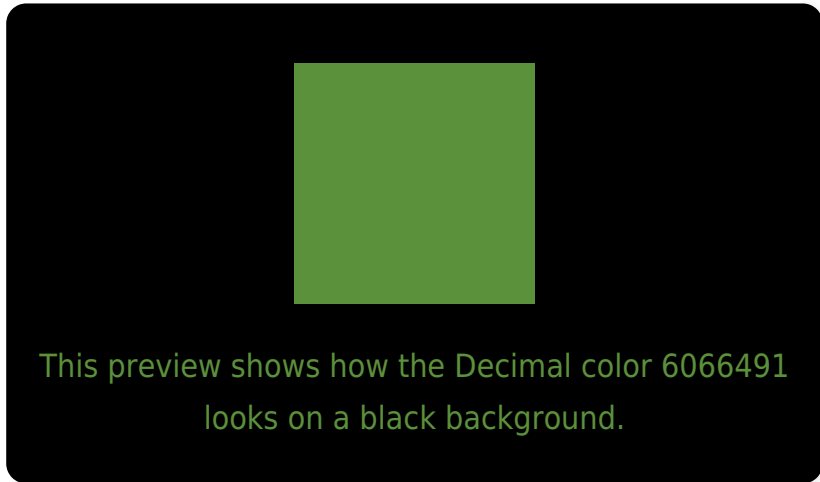
Large Text (above 18pt) WCAG AA ✓ Pass

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

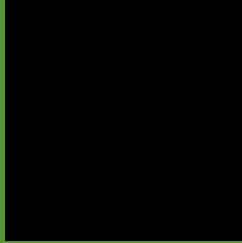
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6066491 Background



This preview shows how black text looks on a background with the Decimal color 6066491.



This preview shows how white text looks on a background with the Decimal color 6066491.

# 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**  
6066491

**Protanopia**  
9601847

**Deuteranopia**  
10583361



**Tritanopia**  
6981779

# Trichromacy



**Original Color**  
6066491

**Protanomaly**  
8292408

**Deuteranomaly**  
8946751

**Tritanomaly**  
6654835

# Monochromacy



**Original Color**  
6066491

**Achromatopsia**  
7829367

**Achromatomaly**  
7176289

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6066491 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 #5C913B looks like.

```
.text, #text, p{  
    color:#5C913B  
}
```

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 #5C913B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C913B
}
```

## Border

The CSS property to change the border of an element to Decimal 6066491 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
#5C913B }
```

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

```
.border{ border-color:#5C913B }
```

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

Here you see how a box with a 4 pixel #5C913B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C913B; -webkit-box-shadow:4px 4px  
4px 4px #5C913B; box-shadow:4px 4px 4px  
4px #5C913B }
```

# Background

The CSS property to change the background color of an element to Decimal 6066491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C913B }
```

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

```
.background{ background-color:#5C913B }
```

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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