

# Converting Colors

Decimal(6136429)

Have a look what the booklet for  
Decimal(6136429) contains.

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# Color

**Decimal(6136429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5DA26D
RGB	93, 162, 109
RGB Percent	36%, 64%, 43%
CMY	0.6353, 0.3647, 0.5725
CMYK	0.43, 0.00, 0.33, 0.36
HSL	134°, 27%, 50%
HSV	134°, 43%, 64%
XYZ	20.1948, 29.2719, 19.0537
YIQ	135.3270, -24.1110, -31.1110

# Conversions

## Conversions Part 2

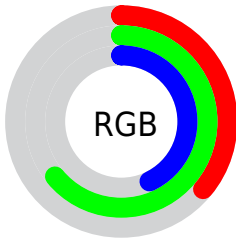
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 149, 162
Decimal	6136429
CIE <sub>Lab</sub>	61.02, -33.63, 20.93
CIE <sub>LCh</sub>	61, 39.609, 148.106
Yxy	29.2719, 0.2947, 0.4272
Android (android.graphics.Color)	4284326509 (0xFF5DA26D)
YUV	135.3270, -12.9792, -37.1208
Hunter-Lab	54.1036, -28.0538, 16.9923

# Details

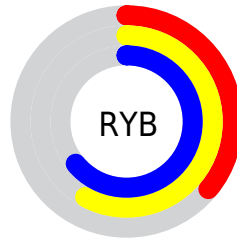
The Decimal color **6136429** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10640786**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9623969**, and **2649661** is the 20% darker color. If you saturate the color by 10%, you get **5087841**, and if you desaturate by 10%, it is **7185017**.

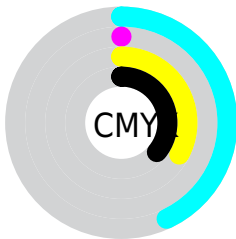
# Distribution



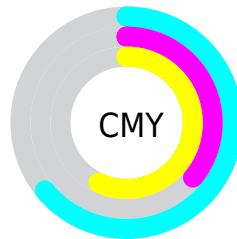
- Red (36%)
- Green (64%)
- Blue (43%)



- Red (36%)
- Yellow (58%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (36%)



- Cyan (64%)
- Magenta (36%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6136429 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 6136429 by changing the saturation by 10% instead.





6136429



6136429

16777215



4425556



9623969



2649661



11466428



415014



13303768



15633



15204340



9984



1792



0



6136429



6136429



5087841



7185017

■ 4039252

■ 8233606

■ 2925128

■ 9347730

■ 1876539

■ 10396319

■ 827951

■ 11444907

■ 41510

■ 12493496

■ 13542084

■ 14656209

■ 15704797

# Harmonies

## Analogous

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



8952660



6136429



1877392

# Triad

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



6136429



5674969



13990516

# Complementary

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



6136429



10640786

# 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.



13858711



6136429



9669585

# Square

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



6136429



41166



12418745



13010009

# Rectangle

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



6136429



42408



12418745



14055551



# Sweetspot

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



6136429



12113087



9675357



5925726



15461355



7039851



# Same Dimension

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



6136429



6870145



6136462



4805195



37154



4612



# Inverse Universe

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



10640786



13920443



10640753



5392720



9502832



1179662



# Previews

## White Background



This preview shows how the Decimal color 6136429 looks on a white background.

## Color Contrast Check

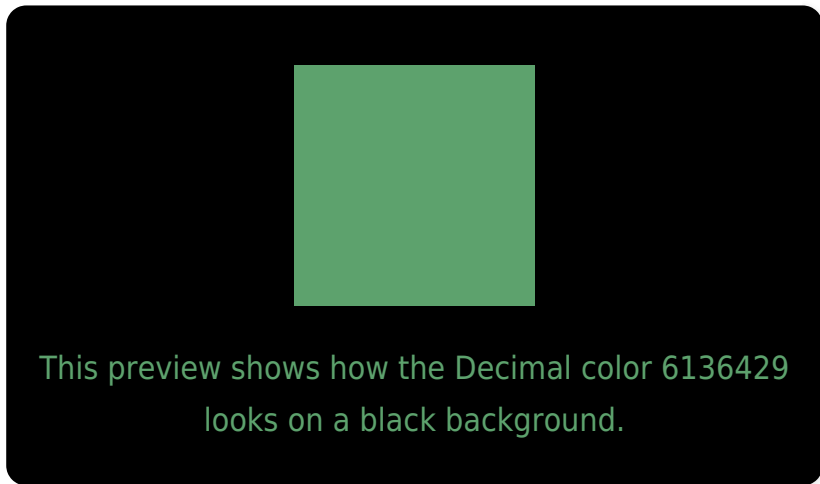
Large Text (above 18pt) WCAG AA ✓ Pass

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

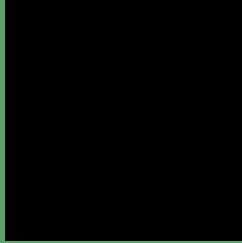
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6136429 Background



This preview shows how black text looks on a background with the Decimal color 6136429.



This preview shows how white text looks on a background with the Decimal color 6136429.

# 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





# Trichromacy



**Original Color**  
6136429

**Protanomaly**  
8820841

**Deuteranomaly**  
9409904

**Tritanomaly**  
6659730

# Monochromacy



**Original Color**  
6136429

**Achromatopsia**  
8882055

**Achromatomaly**  
7901566

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6136429 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 #5DA26D looks like.

```
.text, #text, p{  
    color:#5DA26D  
}
```

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 #5DA26D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA26D
}
```

## Border

The CSS property to change the border of an element to Decimal 6136429 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
#5DA26D }
```

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

```
.border{ border-color:#5DA26D }
```

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

Here you see how a box with a 4 pixel #5DA26D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA26D; -webkit-box-shadow:4px 4px  
4px 4px #5DA26D; box-shadow:4px 4px 4px  
4px #5DA26D }
```

# Background

The CSS property to change the background color of an element to Decimal 6136429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA26D }
```

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

```
.background{ background-color:#5DA26D }
```

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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