

# Converting Colors

Decimal(6526309)

Have a look what the booklet for  
Decimal(6526309) contains.

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# Color

**Decimal(6526309)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	639565
RGB	99, 149, 101
RGB Percent	39%, 58%, 40%
CMY	0.6118, 0.4157, 0.6039
CMYK	0.34, 0.00, 0.32, 0.42
HSL	122°, 20%, 49%
HSV	122°, 34%, 58%
XYZ	18.2420, 25.0871, 16.1928
YIQ	128.5780, -14.3920, -25.5280

# Conversions

## Conversions Part 2

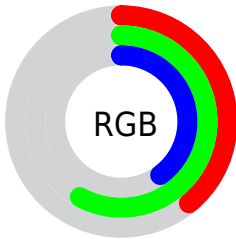
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 147, 149
Decimal	6526309
CIE <sub>Lab</sub>	57.16, -26.93, 20.18
CIE <sub>LCh</sub>	57, 33.652, 143.162
Yxy	25.0871, 0.3065, 0.4215
Android (android.graphics.Color)	4284716389 (0xFF639565)
YUV	128.5780, -13.5960, -25.9399
Hunter-Lab	50.0871, -22.6416, 15.8929

# Details

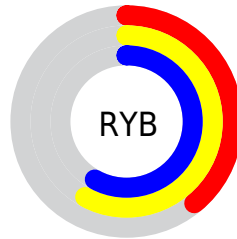
The Decimal color **6526309** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9790355**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **9948056**, and **3236406** is the 20% darker color. If you saturate the color by 10%, you get **5543255**, and if you desaturate by 10%, it is **7509363**.

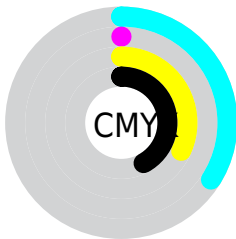
# Distribution



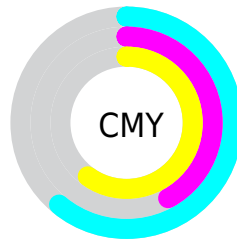
- Red (39%)
- Green (58%)
- Blue (40%)



- Red (39%)
- Yellow (58%)
- Blue (58%)



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)



- Cyan (61%)
- Magenta (42%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6526309 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 6526309 by changing the saturation by 10% instead.





6526309



6526309

16777215



4881229



9948056



3236406



11790515



1591840



13631439



13065



15466475



7936



0



6526309



6526309



5543255



7509363



4560200



8492418

■ 3577146

■ 9475472

■ 2594092

■ 10458526

■ 1611037

■ 11441581

■ 693519

■ 12359099

■ 38150

■ 13342153

■ 14325207

■ 15308262

# Harmonies

## Analogous

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



8752722



6526309



3840129

# Triad

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



6526309



5344963



12743540

# Complementary

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



6526309



9790355

# 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.



12415889



6526309



8619199

# Square

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



6526309



1021367



11041197



12090203

# Rectangle

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



6526309



1481110



11041197



12743293



# Sweetspot

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



6526309



11453103



9672035



5595478



14737632



6381921



# Same Dimension

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



6526309



7651959



6526334



4409923



35334



2560



# Inverse Universe

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



9790355



12743871



9790330



4866890



9044100

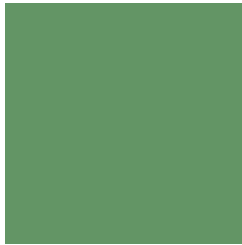


655370



# Previews

## White Background



This preview shows how the Decimal color 6526309 looks on a white background.

## Color Contrast Check

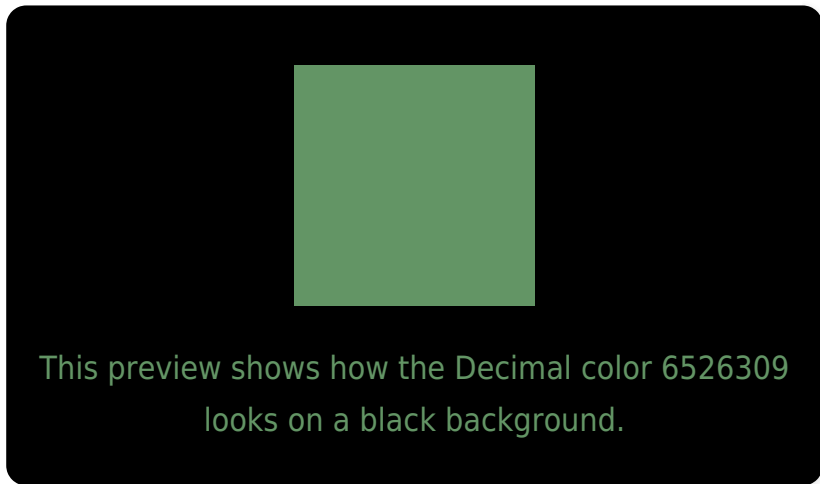
Large Text (above 18pt) WCAG AA ✓ Pass

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

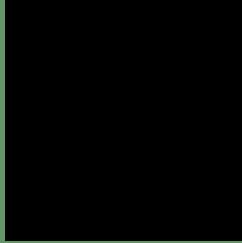
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6526309 Background



This preview shows how black text looks on a background with the Decimal color 6526309.



This preview shows how white text looks on a background with the Decimal color 6526309.

# 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





**Tritanopia**  
7179930

# Trichromacy



**Original Color**  
6526309

**Protanomaly**  
8555874

**Deuteranomaly**  
9079400

**Tritanomaly**  
6918535

# Monochromacy



**Original Color**  
6526309

**Achromatopsia**  
8487297

**Achromatomaly**  
7768183

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6526309 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 #639565 looks like.

```
.text, #text, p{  
    color:#639565  
}
```

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 #639565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #639565
}
```

## Border

The CSS property to change the border of an element to Decimal 6526309 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
#639565 }
```

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

```
.border{ border-color:#639565 }
```

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

Here you see how a box with a 4 pixel #639565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #639565; -webkit-box-shadow:4px 4px  
4px 4px #639565; box-shadow:4px 4px 4px  
4px #639565 }
```

# Background

The CSS property to change the background color of an element to Decimal 6526309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#639565 }
```

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

```
.background{ background-color:#639565 }
```

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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