

# Converting Colors

Decimal(6524509)

Have a look what the booklet for  
Decimal(6524509) contains.

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# Color

**Decimal(6524509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638E5D
RGB	99, 142, 93
RGB Percent	39%, 56%, 36%
CMY	0.6118, 0.4431, 0.6353
CMYK	0.30, 0.00, 0.35, 0.44
HSL	113°, 21%, 46%
HSV	113°, 35%, 56%
XYZ	16.7944, 22.7890, 13.8695
YIQ	123.5570, -9.8990, -24.3550

# Conversions

## Conversions Part 2

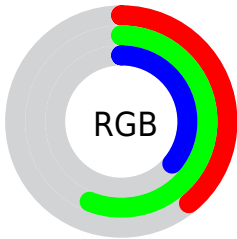
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 142, 136
Decimal	6524509
CIE <sub>Lab</sub>	54.85, -24.83, 21.53
CIE <sub>LCh</sub>	55, 32.869, 139.073
Yxy	22.7890, 0.3142, 0.4263
Android (android.graphics.Color)	4284714589 (0xFF638E5D)
YUV	123.5570, -15.0646, -21.5365
Hunter-Lab	47.7378, -20.7440, 16.1907

# Details

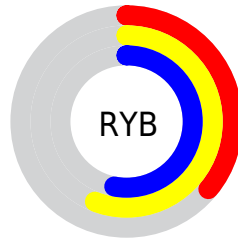
The Decimal color **6524509** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8936846**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9946256**, and **3300142** is the 20% darker color. If you saturate the color by 10%, you get **5738063**, and if you desaturate by 10%, it is **7310955**.

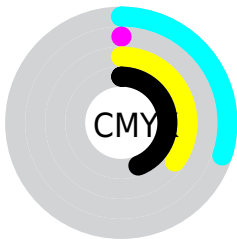
# Distribution



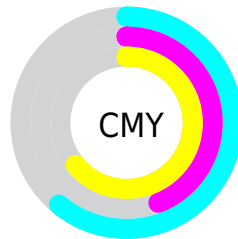
- Red (39%)
- Green (56%)
- Blue (36%)



- Red (36%)
- Yellow (56%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (35%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6524509 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 6524509 by changing the saturation by 10% instead.





6524509



6524509

16777215



4879429



9946256



3300142



11722922



1721368



13565382



208128



15466466



6656



0



6524509



6524509



5738063



7310955



4886081



8162937

■ 4099634

■ 8949384

■ 3247652

■ 9801366

■ 2461206

■ 10587812

■ 1609224

■ 11439794

■ 1150464

■ 12226240

■ 13078223

■ 13864669

# Harmonies

## Analogous

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



8619852



6524509



4035192

# Triad

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



6524509



4557243



12283506

# Complementary

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



6524509



8936846

# 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.



11824783



6524509



7831737

# Square

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



6524509



37037



10319273



11760729

# Rectangle

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



6524509



1741451



10319273



12217724



# Sweetspot

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



6524509



10991781



9340765



5397585



14408667



6052956



# Same Dimension

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



6524509



7780460



6131311



4278080



1148672



67584



# Inverse Universe

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



8936846



11431096



9330044



4669511



7798919



458760



# Previews

## White Background



This preview shows how the Decimal color 6524509 looks on a white background.

## Color Contrast Check

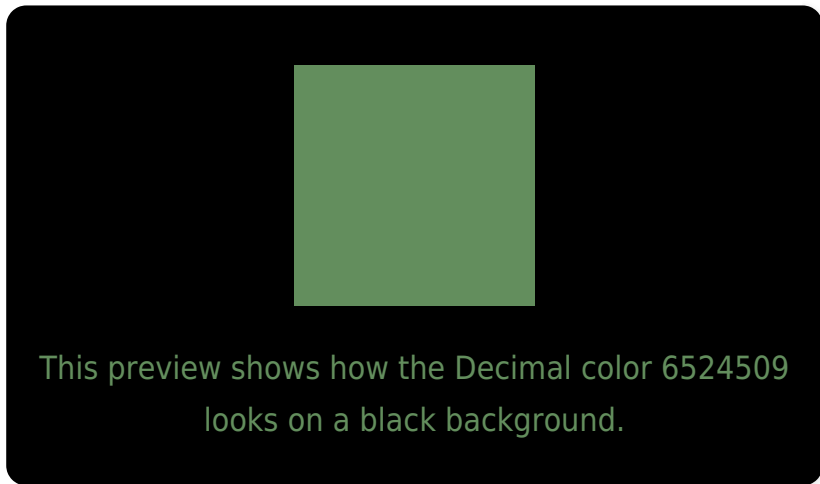
Large Text (above 18pt) WCAG AA ✓ Pass

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

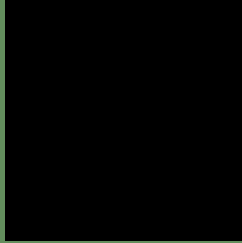
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6524509 Background



This preview shows how black text looks on a background with the Decimal color 6524509.




This preview shows how white text looks on a background with the Decimal color 6524509.

# 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**  
7112594

# Trichromacy



**Original Color**  
6524509

**Protanomaly**  
8292186

**Deuteranomaly**  
8880992

**Tritanomaly**  
6916735

# Monochromacy



**Original Color**  
6524509

**Achromatopsia**  
8158332

**Achromatomaly**  
7570289

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6524509 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 #638E5D looks like.

```
.text, #text, p{  
  color:#638E5D  
}
```

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 #638E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E5D
}
```

## Border

The CSS property to change the border of an element to Decimal 6524509 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
#638E5D }
```

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

```
.border{ border-color:#638E5D }
```

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

Here you see how a box with a 4 pixel #638E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E5D; -webkit-box-shadow:4px 4px  
4px 4px #638E5D; box-shadow:4px 4px 4px  
4px #638E5D }
```

# Background

The CSS property to change the background color of an element to Decimal 6524509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E5D }
```

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

```
.background{ background-color:#638E5D }
```

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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