

Converting Colors

Decimal(6129500)

Have a look what the booklet for
Decimal(6129500) contains.

Decimal(6129500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6129500)

Conversions

Conversions Part 1

Format	Color
Hex	5D875C
RGB	93, 135, 92
RGB Percent	36%, 53%, 36%
CMY	0.6353, 0.4706, 0.6392
CMYK	0.31, 0.00, 0.32, 0.47
HSL	119°, 19%, 45%
HSV	119°, 32%, 53%
XYZ	15.1099, 20.4278, 13.2718
YIQ	117.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

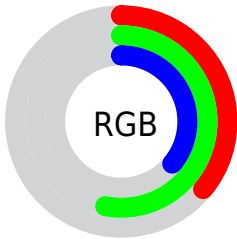
Format	Color
R_{YB}	92, 135, 134
Decimal	6129500
CIE _{Lab}	52.32, -23.61, 18.62
CIE _{LCh}	52, 30.074, 141.734
Yxy	20.4278, 0.3096, 0.4185
Android (android.graphics.Color)	4284319580 (0xFF5D875C)
YUV	117.5400, -12.5912, -21.5216
Hunter-Lab	45.1971, -19.4203, 14.2279

Details

The Decimal color **6129500** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8805511**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9551247**, and **2905390** is the 20% darker color. If you saturate the color by 10%, you get **5277519**, and if you desaturate by 10%, it is **6981482**.

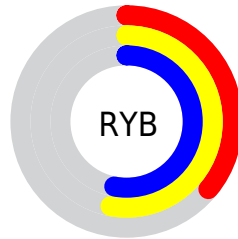
Distribution



Red (36%)

Green (53%)

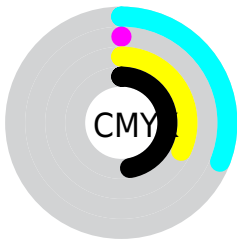
Blue (36%)



Red (36%)

Yellow (53%)

Blue (53%)

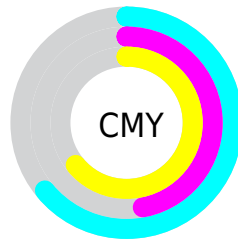


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6129500 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 6129500 by changing the saturation by 10% instead.

■ 6129500

■ 6129500

16777215

■ 4484420

■ 9551247

■ 2905390

■ 11327657

■ 1326360

■ 13104580

■ 9984

■ 14942176

■ 3840

16777213

■ 0

■ 6129500

■ 6129500

■ 5277519

■ 6981482

■ 4425537

■ 7833463

■ 3508019

■ 8750980

■ 2656038

■ 9602962

■ 1804057

■ 10454944

■ 952075

■ 11306925

■ 231168

■ 12158907

■ 13010888

■ 13928406

Harmonies

Analogous

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



8094028



6129500



3902069

Triad

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



6129500



4948399



11496043

Complementary

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



6129500



8805511

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.



11168133



6129500



7698861

Square

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



6129500



1869989



9858973



10973269

Rectangle

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



6129500



2198406



9858973



11495796

Sweetspot

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



6129500



10465438



8881756



5200207



14277081



5855577

Same Dimension

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



6129500



7319661



6063984



3949116



229888



768

Inverse Universe

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



8805511



11431344



8871027



4340802



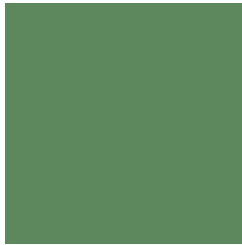
8323202



131075

Previews

White Background



This preview shows how the Decimal color 6129500 looks on a white background.

Color Contrast Check

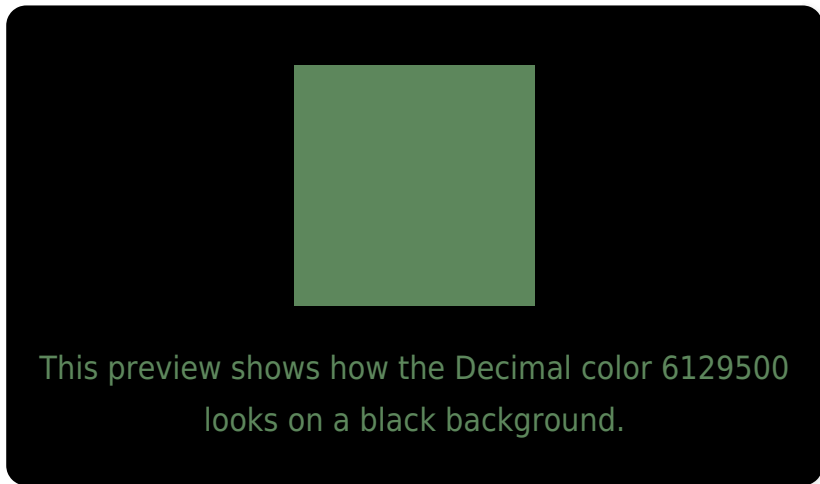
Large Text (above 18pt) WCAG AA ✓ Pass

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

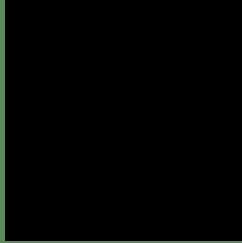
Any Text WCAG AA ✓ Pass

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 6129500 Background



This preview shows how black text looks on a background with the Decimal color 6129500.



This preview shows how white text looks on a background with the Decimal color 6129500.

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
6129500

Protanopia
8813655

Deuteranopia
9598815

Trichromacy



Original Color
6129500

Protanomaly
7831641

Deuteranomaly
8355166

Tritanomaly
6521722

Monochromacy



Original Color
6129500

Achromatopsia
7763574

Achromatomaly
7175277

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6129500 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 #5D875C looks like.

```
.text, #text, p{  
    color:#5D875C  
}
```

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 #5D875C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D875C
}
```

Border

The CSS property to change the border of an element to Decimal 6129500 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
#5D875C }
```

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

```
.border{ border-color:#5D875C }
```

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

Here you see how a box with a 4 pixel #5D875C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D875C; -webkit-box-shadow:4px 4px  
4px 4px #5D875C; box-shadow:4px 4px 4px  
4px #5D875C }
```

Background

The CSS property to change the background color of an element to Decimal 6129500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D875C }
```

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

```
.background{ background-color:#5D875C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor