

# Converting Colors

Decimal(10265950)

Have a look what the booklet for  
Decimal(10265950) contains.

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# **Color**

**Decimal(10265950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA55E
RGB	156, 165, 94
RGB Percent	61%, 65%, 37%
CMY	0.3882, 0.3529, 0.6314
CMYK	0.05, 0.00, 0.43, 0.35
HSL	68°, 28%, 51%
HSV	68°, 43%, 65%
XYZ	29.1858, 34.7863, 15.7659
YIQ	154.2150, 17.4270, -23.9890

# Conversions

## Conversions Part 2

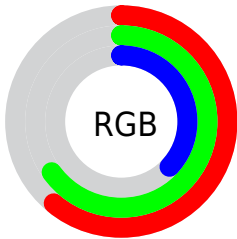
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 165, 103
Decimal	10265950
CIELab	65.58, -14.32, 35.64
CIELCh	66, 38.406, 111.895
Yxy	34.7863, 0.3660, 0.4363
Android (android.graphics.Color)	4288456030 (0xFF9CA55E)
YUV	154.2150, -29.6860, 1.5654
Hunter-Lab	58.9799, -14.8854, 25.4372

# Details

The Decimal color **10265950** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6774437**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **13950098**, and **6779181** is the 20% darker color. If you saturate the color by 10%, you get **10134862**, and if you desaturate by 10%, it is **10397038**.

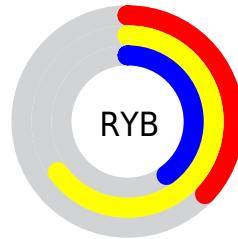
# Distribution



Red (61%)

Green (65%)

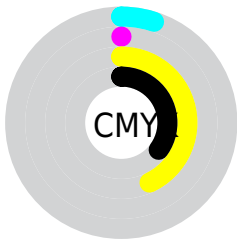
Blue (37%)



Red (37%)

Yellow (65%)

Blue (40%)

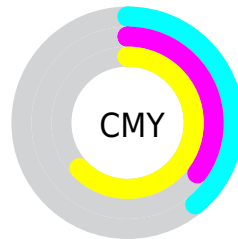


Cyan (5%)

Magenta (0%)

Yellow (43%)

Black (35%)



Cyan (39%)

Magenta (35%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10265950 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 10265950 by changing the saturation by 10% instead.



 10265950

 10265950

16777215

 8489797

 13950098

 6779181

 15792301

 5134613

 16777160

 3555584

 16777189


 2042624

 6144

 0

 10265950

 10265950

 10134862

 10397038

10003773

10528127

9872684

10659215

9741596

10790304

9610508

10921392

9479424

11118017

11249106

11380194

11511283

# Harmonies

## Analogous

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



12491355



10265950



7646580

# Triad

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



10265950



44756



14386602

# Complementary

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



10265950



6774437

# 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.



12684746



10265950



5875427

# Square

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



10265950



45496



9804511



14845319

# Rectangle

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



10265950



5615753



9804511



13993910



# Sweetspot

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



10265950



13883066



10839646



6908762



15461355



7039851



# Same Dimension

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



10265950



13162087



7972190



5329481



8360192



1053184



# Inverse Universe

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



6774437



7694294



9068197



4868434



1179793



131090



# Previews

## White Background



This preview shows how the Decimal color 10265950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10265950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

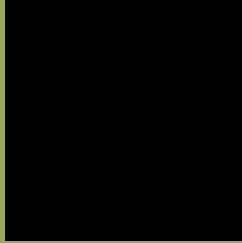
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 10265950 Background



This preview shows how black text looks on a background with the Decimal color 10265950.



This preview shows how white text looks on a background with the Decimal color 10265950.

# 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**  
10265950

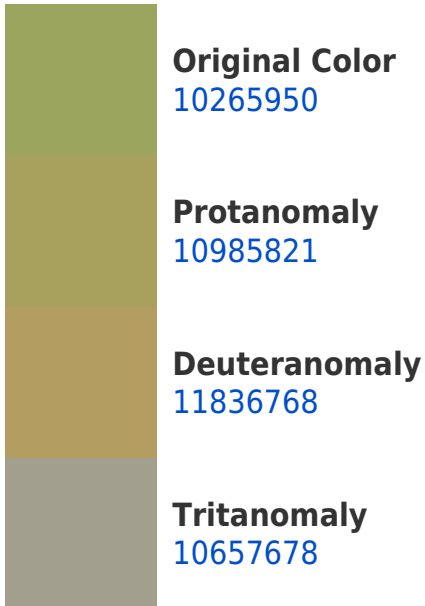
**Protanopia**  
11444060

**Deuteranopia**  
12687457



**Tritanopia**  
10853545

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10265950 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 #9CA55E looks like.

```
.text, #text, p{  
    color:#9CA55E  
}
```

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 #9CA55E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA55E
}
```

## Border

The CSS property to change the border of an element to Decimal 10265950 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
#9CA55E }
```

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

```
.border{ border-color:#9CA55E }
```

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

Here you see how a box with a 4 pixel #9CA55E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA55E; -webkit-box-shadow:4px 4px  
4px 4px #9CA55E; box-shadow:4px 4px 4px  
4px #9CA55E }
```

# Background

The CSS property to change the background color of an element to Decimal 10265950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA55E }
```

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

```
.background{ background-color:#9CA55E }
```

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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