

# Converting Colors

Decimal(4564325)

Have a look what the booklet for  
Decimal(4564325) contains.

<b>Decimal(4564325)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(4564325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	45A565
RGB	69, 165, 101
RGB Percent	27%, 65%, 40%
CMY	0.7294, 0.3529, 0.6039
CMYK	0.58, 0.00, 0.39, 0.35
HSL	140°, 41%, 46%
HSV	140°, 58%, 65%
XYZ	18.2583, 29.1151, 16.9694
YIQ	129.0000, -36.6720, -40.2560

# Conversions

## Conversions Part 2

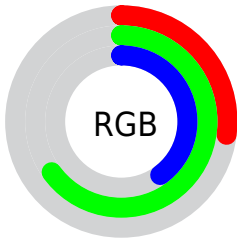
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 141, 165
Decimal	4564325
CIELab	60.88, -42.89, 24.93
CIELCh	61, 49.611, 149.837
Yxy	29.1151, 0.2838, 0.4525
Android (android.graphics.Color)	4282754405 (0xFF45A565)
YUV	129.0000, -13.8040, -52.6200
Hunter-Lab	53.9584, -34.0266, 19.1247

# Details

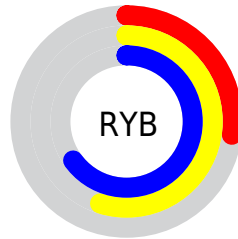
The Decimal color **4564325** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10831237**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **8248729**, and **28725** is the 20% darker color. If you saturate the color by 10%, you get **3450202**, and if you desaturate by 10%, it is **5612912**.

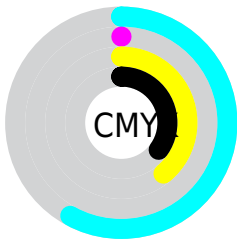
# Distribution



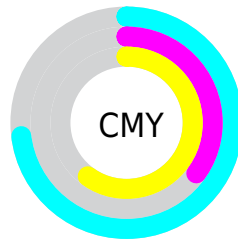
- Red (27%)
- Green (65%)
- Blue (40%)



- Red (27%)
- Yellow (55%)
- Blue (65%)



- Cyan (58%)
- Magenta (0%)
- Yellow (39%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4564325 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 4564325 by changing the saturation by 10% instead.





4564325



4564325

16777215



2525773



8248729



28725



10091187



22303



11993039



16136



13893612



10496



15794175



1536



0



4564325



4564325



3450202



5612912

■ 2401615

■ 6727035

■ 1287492

■ 7775622

■ 238905

■ 8889745

■ 42295

■ 9938332

■ 11052455

■ 12101042

■ 13215165

■ 14263752

# Harmonies

## Analogous

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



8428867



4564325



43409

# Triad

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



4564325



3643626



14840170

# Complementary

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



4564325



10831237

# 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.



14773653



4564325



9734111

# Square

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



4564325



41950



13137600



13533255

# Rectangle

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



4564325



43439



13137600



14970488



# Sweetspot

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



4564325



11720382



8758597



5663581



15461355



7039851



# Same Dimension

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



4564325



4249202



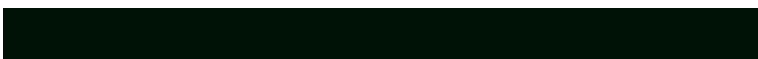
4564371



4805196



37168



4614



# Inverse Universe

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



10831237



14041252



10831189



5392719



9502817



1179660



# Previews

## White Background



This preview shows how the Decimal color 4564325 looks on a white background.

## Color Contrast Check

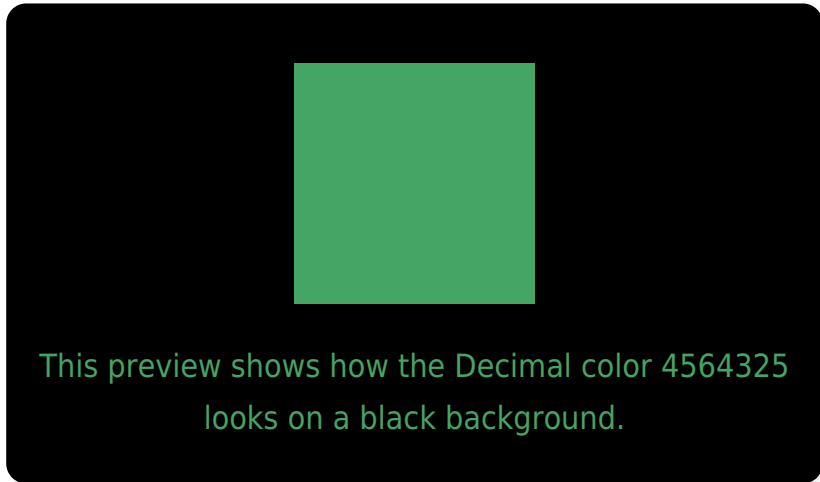
Large Text (above 18pt) WCAG AA ✓ Pass

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

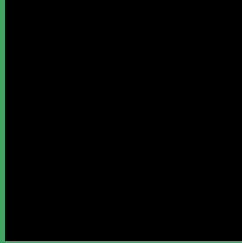
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4564325 Background



This preview shows how black text looks on a background with the Decimal color 4564325.



This preview shows how white text looks on a background with the Decimal color 4564325.

# 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**  
4564325

**Protanopia**  
10457693

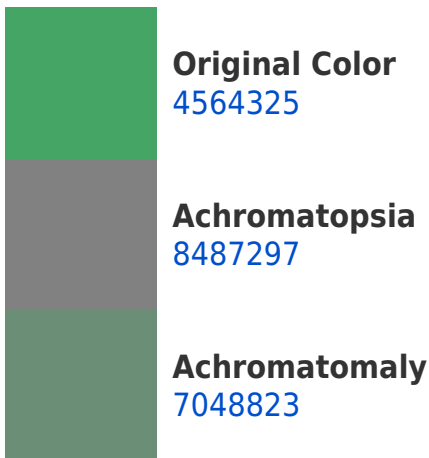
**Deuteranopia**  
11373675



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4564325 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 #45A565 looks like.

```
.text, #text, p{  
    color:#45A565  
}
```

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 #45A565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A565
}
```

## Border

The CSS property to change the border of an element to Decimal 4564325 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
#45A565 }
```

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

```
.border{ border-color:#45A565 }
```

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

Here you see how a box with a 4 pixel #45A565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A565; -webkit-box-shadow:4px 4px  
4px 4px #45A565; box-shadow:4px 4px 4px  
4px #45A565 }
```

# Background

The CSS property to change the background color of an element to Decimal 4564325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A565 }
```

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

```
.background{ background-color:#45A565 }
```

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