

# Converting Colors

Decimal(5599266)

Have a look what the booklet for  
Decimal(5599266) contains.

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# Color

**Decimal(5599266)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557022
RGB	85, 112, 34
RGB Percent	33%, 44%, 13%
CMY	0.6667, 0.5608, 0.8667
CMYK	0.24, 0.00, 0.70, 0.56
HSL	81°, 53%, 29%
HSV	81°, 70%, 44%
XYZ	9.8292, 13.6351, 3.6272
YIQ	95.0350, 8.9460, -29.9820

# Conversions

## Conversions Part 2

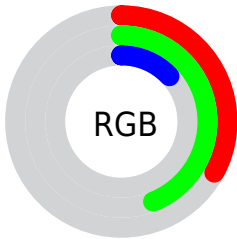
Format	Color
<b>RYB</b>	34, 112, 61
Decimal	5599266
CIELab	43.71, -22.66, 38.59
CIElCh	44, 44.748, 120.421
Yxy	13.6351, 0.3628, 0.5033
Android (android.graphics.Color)	4283789346 (0xFF557022)
YUV	95.0350, -30.0903, -8.8007
Hunter-Lab	36.9258, -17.1055, 20.0241

# Details

The Decimal color **5599266** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4006512**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9020499**, and **2441216** is the 20% darker color. If you saturate the color by 10%, you get **5337111**, and if you desaturate by 10%, it is **5861421**.

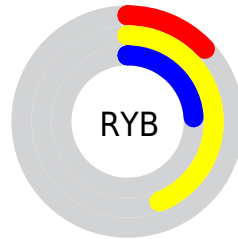
# Distribution



Red (33%)

Green (44%)

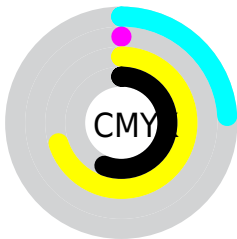
Blue (13%)



Red (13%)

Yellow (44%)

Blue (24%)

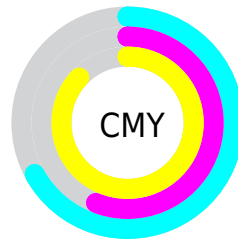


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5599266 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 5599266 by changing the saturation by 10% instead.





5599266



5599266

16777215



3954438



9020499



2441216



10796908



666112



12639110



5376



14481313



0



16383933



16777177



16777205



5599266



5599266

■ 5337111

■ 5861421

■ 5074956

■ 6123576

■ 4812800

■ 6385732

■ 6647887

■ 6844506

■ 7106661

■ 7368816

■ 7630972

■ 7893127

# Harmonies

## Analogous

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



8021525



5599266



1865281

# Triad

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



5599266



29863



11093352

# Complementary

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



5599266



4006512

# 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.



9784973



5599266



27570

# Square

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



5599266



31116



6839720



11029060

# Rectangle

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



5599266



30810



6839720



10831477



# Sweetspot

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



5599266



8884595



7355426



4475447



13224393



4868682



# Same Dimension

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



5599266



6787351



3108898



3553330



5142528



10680064



# Inverse Universe

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



4006512



4331409



6496880



3420728



2687096



5636343



# Previews

## White Background



This preview shows how the Decimal color 5599266 looks on a white background.

## Color Contrast Check

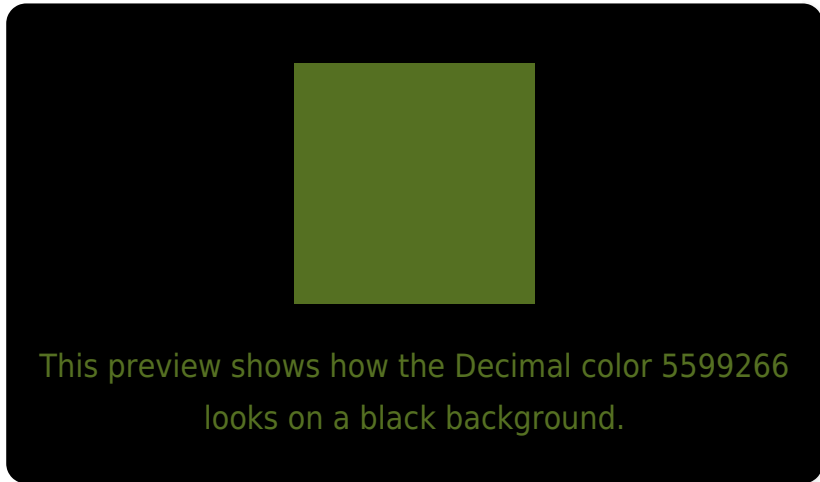
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

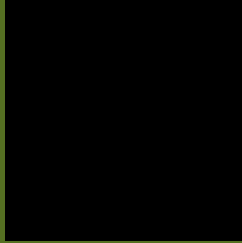
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5599266 Background



This preview shows how black text looks on a background with the Decimal color 5599266.



This preview shows how white text looks on a background with the Decimal color 5599266.

# 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**  
5599266

**Protanopia**  
7563040

**Deuteranopia**  
8413735



**Tritanopia**  
6187377

# Trichromacy



**Original Color**  
5599266

**Protanomaly**  
6842913

**Deuteranomaly**  
7366437

**Tritanomaly**  
5991508

# Monochromacy



**Original Color**  
5599266

**Achromatopsia**  
6250335

**Achromatomaly**  
5989705

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5599266 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 #557022 looks like.

```
.text, #text, p{  
    color:#557022  
}
```

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 #557022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557022
}
```

## Border

The CSS property to change the border of an element to Decimal 5599266 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
#557022 }
```

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

```
.border{ border-color:#557022 }
```

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

Here you see how a box with a 4 pixel #557022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557022; -webkit-box-shadow:4px 4px  
4px 4px #557022; box-shadow:4px 4px 4px  
4px #557022 }
```

# Background

The CSS property to change the background color of an element to Decimal 5599266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557022 }
```

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

```
.background{ background-color:#557022 }
```

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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