

Converting Colors

Decimal(4364590)

Have a look what the booklet for
Decimal(4364590) contains.

Decimal(4364590)	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(4364590)

Conversions

Conversions Part 1

Format	Color
Hex	42992E
RGB	66, 153, 46
RGB Percent	26%, 60%, 18%
CMY	0.7412, 0.4000, 0.8196
CMYK	0.57, 0.00, 0.70, 0.40
HSL	109°, 54%, 39%
HSV	109°, 70%, 60%
XYZ	14.1311, 24.1380, 6.4991
YIQ	114.7890, -17.5050, -51.7210

Conversions

Conversions Part 2

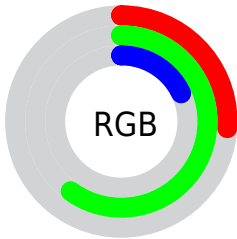
Format	Color
RYB	46, 153, 133
Decimal	4364590
CIELab	56.23, -46.44, 46.37
CIELCh	56, 65.621, 135.044
Yxy	24.1380, 0.3157, 0.5392
Android (android.graphics.Color)	4282554670 (0xFF42992E)
YUV	114.7890, -33.9130, -42.7880
Hunter-Lab	49.1304, -34.6371, 26.5483

Details

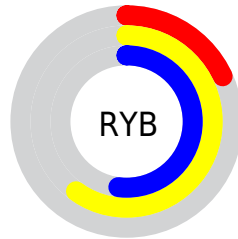
The Decimal color **4364590** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8728217**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **8114274**, and **25856** is the 20% darker color. If you saturate the color by 10%, you get **3578143**, and if you desaturate by 10%, it is **5151037**.

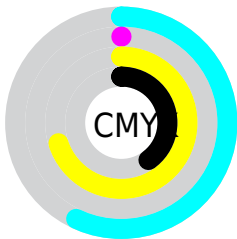
Distribution



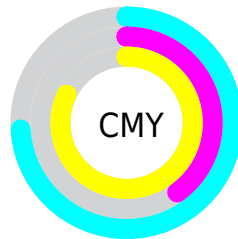
- Red (26%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (52%)



- Cyan (57%)
- Magenta (0%)
- Yellow (70%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4364590 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 4364590 by changing the saturation by 10% instead.



4364590



4364590

16777215



2260753



8114274



25856



9956732



19456



11796375



13312



13696946



7680



15663054



0



16777195



4364590



4364590



3578143



5151037

■ 2726159

■ 6003021

■ 1939712

■ 6789468

■ 7641451

■ 8427899

■ 9279882

■ 10066329

■ 10918312

■ 11704760

Harmonies

Analogous

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



8883456



4364590



40807

Triad

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



4364590



38389



15486061

Complementary

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



4364590



8728217

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.



14569638



4364590



4228342

Square

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



4364590



40663



11365080



14508343

Rectangle

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



4364590



41359



11365080



15420032

Sweetspot

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



4364590



10864541



10060846



5202763



14935011



6513507

Same Dimension

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



4364590



4179744



3053902



4607301



1739776



134400

Inverse Universe

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



8728217



11018439



10038905



4932941



7471244



655373

Previews

White Background



This preview shows how the Decimal color 4364590 looks on a white background.

Color Contrast Check

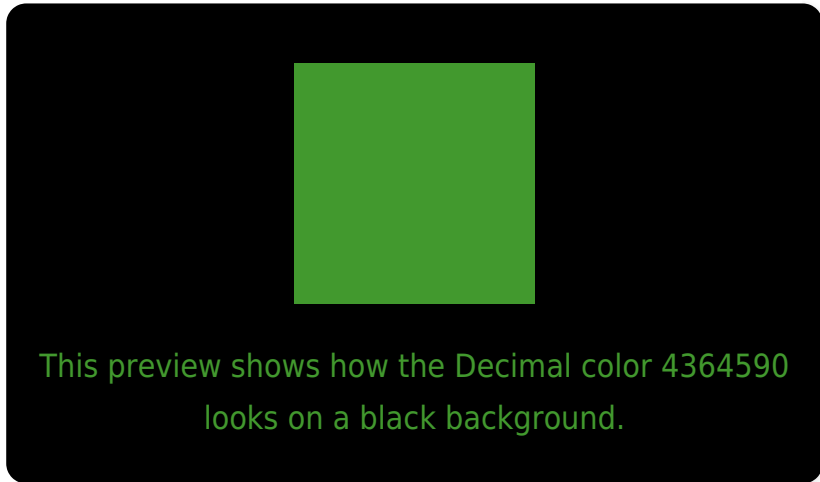
Large Text (above 18pt) WCAG AA ✓ Pass

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 4364590 Background



This preview shows how black text looks on a background with the Decimal color 4364590.



This preview shows how white text looks on a background with the Decimal color 4364590.

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
4364590

Protanopia
9864745

Deuteranopia
10911543



Tritanopia
5803930

Trichromacy



Original Color
4364590

Protanomaly
7834923

Deuteranomaly
8554548

Tritanomaly
5280627

Monochromacy



Original Color
4364590

Achromatopsia
7566195

Achromatomaly
6390106

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4364590 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 #42992E looks like.

```
.text, #text, p{  
    color:#42992E  
}
```

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 #42992E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42992E
}
```

Border

The CSS property to change the border of an element to Decimal 4364590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

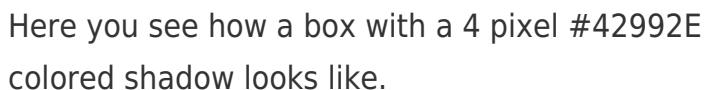
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42992E }
```

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

```
.border{ border-color:#42992E }
```

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



Here you see how a box with a 4 pixel #42992E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42992E; -webkit-box-shadow:4px 4px  
4px 4px #42992E; box-shadow:4px 4px 4px  
4px #42992E }
```

Background

The CSS property to change the background color of an element to Decimal 4364590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42992E }
```

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

```
.background{ background-color:#42992E }
```

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