

Converting Colors

Decimal(5140491)

Have a look what the booklet for
Decimal(5140491) contains.

Decimal(5140491)	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(5140491)

Conversions

Conversions Part 1

Format	Color
Hex	4E700B
RGB	78, 112, 11
RGB Percent	31%, 44%, 4%
CMY	0.6941, 0.5608, 0.9569
CMYK	0.30, 0.00, 0.90, 0.56
HSL	80°, 82%, 24%
HSV	80°, 90%, 44%
XYZ	8.9965, 13.2322, 2.3965
YIQ	90.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

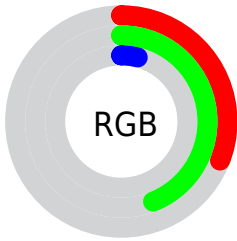
Format	Color
RYB	11, 112, 45
Decimal	5140491
CIELab	43.11, -26.92, 45.87
CIELCh	43, 53.184, 120.412
Yxy	13.2322, 0.3653, 0.5373
Android (android.graphics.Color)	4283330571 (0xFF4E700B)
YUV	90.3200, -39.1048, -10.8046
Hunter-Lab	36.3761, -19.5119, 21.5571

Details

The Decimal color **5140491** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2952048**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8627266**, and **1785856** is the 20% darker color. If you saturate the color by 10%, you get **4878336**, and if you desaturate by 10%, it is **5402646**.

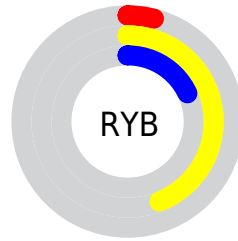
Distribution



Red (31%)

Green (44%)

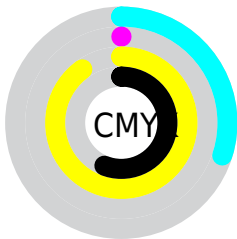
Blue (4%)



Red (4%)

Yellow (44%)

Blue (18%)

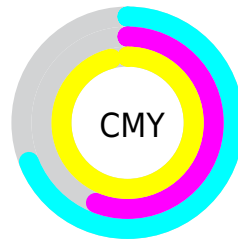


Cyan (30%)

Magenta (0%)

Yellow (90%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5140491 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 5140491 by changing the saturation by 10% instead.



5140491



5140491

16777215



3430144



8627266



1785856



10403676



10496



12245878



4864



14088337



0



15990700



16777160



16777188



5140491



5140491

■ 4878336

■ 5402646

■ 5664801

■ 5861421

■ 6123576

■ 6385731

■ 6647886

■ 6844505

■ 7106661

■ 7368816

Harmonies

Analogous

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



8020992



5140491



30520

Triad

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



5140491



30130



11679847

Complementary

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



5140491



2952048

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.



10175890



5140491



27582

Square

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



5140491



31377



6576818



11616060

Rectangle

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



5140491



31062



6576818



11352694

Sweetspot

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



5140491



8687978



7351563



4344370



13224393



4868682

Same Dimension

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



5140491



6328576



1863691



3553330



5273600



10811136

Inverse Universe

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



2952048



3211409



6228848



3420728



2621560



5439735

Previews

White Background



This preview shows how the Decimal color 5140491 looks on a white background.

Color Contrast Check

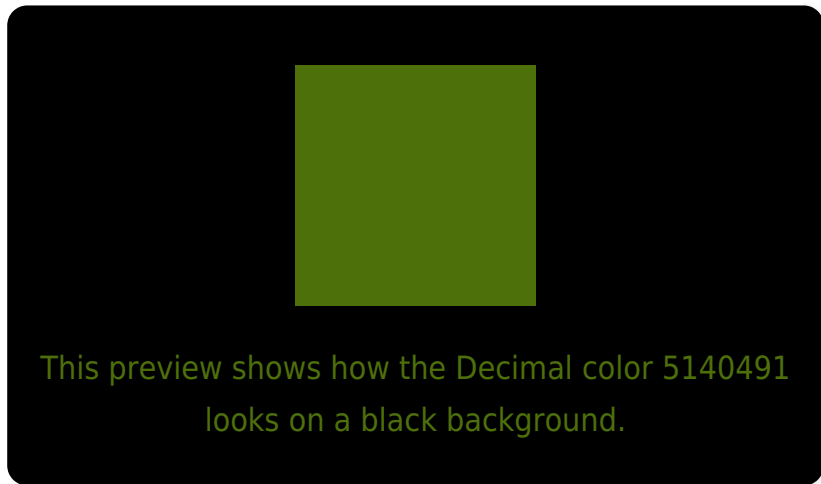
Large Text (above 18pt) WCAG AA ✓ Pass

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

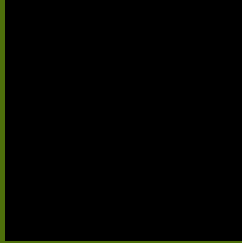
Any Text WCAG AA × Fail

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 5140491 Background



This preview shows how black text looks on a background with the Decimal color 5140491.



This preview shows how white text looks on a background with the Decimal color 5140491.

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](#).

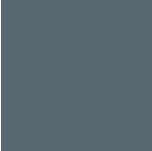
Dichromacy



Original Color
5140491

Protanopia
7562758

Deuteranopia
8413207



Tritanopia
5859440

Trichromacy



Original Color
5140491

Protanomaly
6711816

Deuteranomaly
7235091

Tritanomaly
5598027

Monochromacy



Original Color
5140491

Achromatopsia
5921370

Achromatomaly
5661245

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5140491 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 #4E700B looks like.

```
.text, #text, p{  
    color:#4E700B  
}
```

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 #4E700B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E700B
}
```

Border

The CSS property to change the border of an element to Decimal 5140491 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".

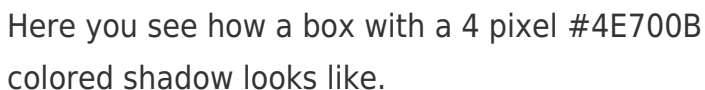
```
.border, #border, table{ border:4px solid
#4E700B }
```

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

```
.border{ border-color:#4E700B }
```

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

Here you see how a box with a 4 pixel #4E700B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E700B; -webkit-box-shadow:4px 4px  
4px 4px #4E700B; box-shadow:4px 4px 4px  
4px #4E700B }
```

Background

The CSS property to change the background color of an element to Decimal 5140491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E700B }
```

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

```
.background{ background-color:#4E700B }
```

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