

Converting Colors

Decimal(5016590)

Have a look what the booklet for
Decimal(5016590) contains.

Decimal(5016590)	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(5016590)

Conversions

Conversions Part 1

Format	Color
Hex	4C8C0E
RGB	76, 140, 14
RGB Percent	30%, 55%, 5%
CMY	0.7020, 0.4510, 0.9451
CMYK	0.46, 0.00, 0.90, 0.45
HSL	90°, 82%, 30%
HSV	90°, 90%, 55%
XYZ	12.4378, 20.3244, 3.6829
YIQ	106.5000, 2.3020, -52.7540

Conversions

Conversions Part 2

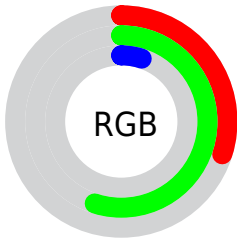
Format	Color
RYB	14, 140, 78
Decimal	5016590
CIELab	52.20, -40.13, 52.91
CIELCh	52, 66.404, 127.177
Yxy	20.3244, 0.3413, 0.5577
Android (android.graphics.Color)	4283206670 (0xFF4C8C0E)
YUV	106.5000, -45.6025, -26.7485
Hunter-Lab	45.0826, -29.6481, 26.7142

Details

The Decimal color **5016590** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5115532**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **8634953**, and **1005824** is the 20% darker color. If you saturate the color by 10%, you get **4557824**, and if you desaturate by 10%, it is **5475356**.

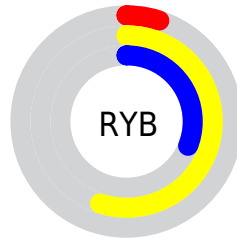
Distribution



Red (30%)

Green (55%)

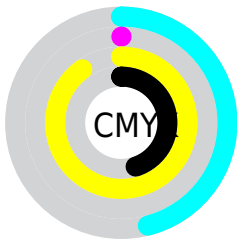
Blue (5%)



Red (5%)

Yellow (55%)

Blue (31%)

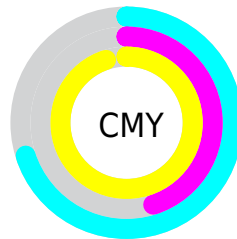


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (70%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5016590 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 5016590 by changing the saturation by 10% instead.

 5016590

 5016590

16777215

 3174912

 8634953

 1005824

 10477156

 16640

 12319615

 11008

 14221210

 3584

 16187318

 0

 16777170

 16777199

 5016590

 5016590

■ 4557824

■ 5475356

■ 5934122

■ 6392888

■ 6851654

■ 7375956

■ 7834722

■ 8293488

■ 8752254

■ 9211020

Harmonies

Analogous

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



9076224



5016590



37710

Triad

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



5016590



36582



14695537

Complementary

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



5016590



5115532

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.



13257386



5016590



32750

Square

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



5016590



38336



9332696



14175803

Rectangle

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



5016590



38517



9332696



14499204

Sweetspot

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



5016590



10270084



9194766



5069886



14408667



6052956

Same Dimension

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



5016590



5879040



953358



4277566



4293888



197888

Inverse Universe

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



5115532



6029493



9178764



4275781



4391045



196613

Previews

White Background



This preview shows how the Decimal color 5016590 looks on a white background.

Color Contrast Check

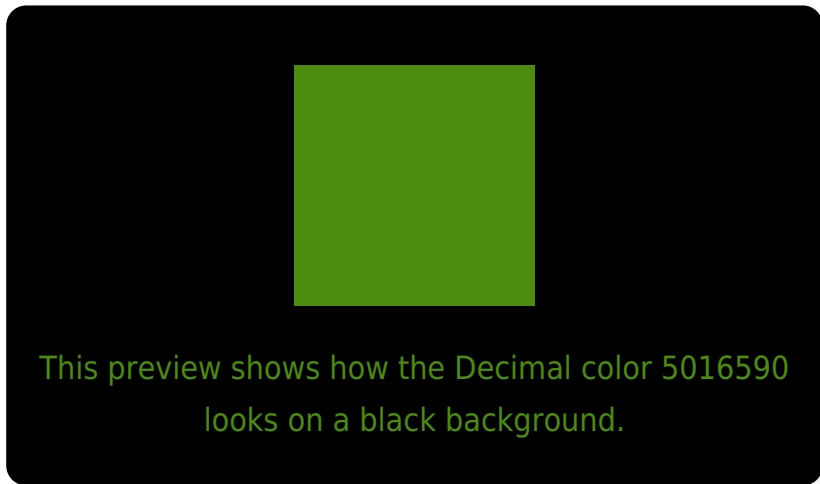
Large Text (above 18pt) WCAG AA ✓ Pass

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 5016590 Background



This preview shows how black text looks on a background with the Decimal color 5016590.



This preview shows how white text looks on a background with the Decimal color 5016590.

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
5016590

Protanopia
9206790

Deuteranopia
10253855



Tritanopia
6128269

Trichromacy



Original Color
5016590

Protanomaly
7701001

Deuteranomaly
8355353

Tritanomaly
5736031

Monochromacy



Original Color
5016590

Achromatopsia
7039851

Achromatomaly
6321993

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5016590 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 #4C8C0E looks like.

```
.text, #text, p{  
    color:#4C8C0E  
}
```

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 #4C8C0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8C0E
}
```

Border

The CSS property to change the border of an element to Decimal 5016590 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".

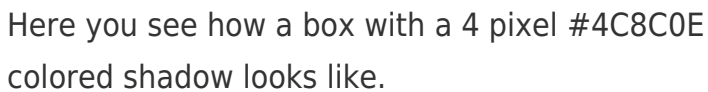
```
.border, #border, table{ border:4px solid
#4C8C0E }
```

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

```
.border{ border-color:#4C8C0E }
```

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

Here you see how a box with a 4 pixel #4C8C0E colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a solid green rectangle that is slightly offset from the bottom and right edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4C8C0E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8C0E; -webkit-box-shadow:4px 4px  
4px 4px #4C8C0E; box-shadow:4px 4px 4px  
4px #4C8C0E }
```

Background

The CSS property to change the background color of an element to Decimal 5016590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8C0E }
```

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

```
.background{ background-color:#4C8C0E }
```

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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