

# Converting Colors

Decimal(5405460)

Have a look what the booklet for  
Decimal(5405460) contains.

<b>Decimal(5405460)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(5405460)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	527B14
RGB	82, 123, 20
RGB Percent	32%, 48%, 8%
CMY	0.6784, 0.5176, 0.9216
CMYK	0.33, 0.00, 0.84, 0.52
HSL	84°, 72%, 28%
HSV	84°, 84%, 48%
XYZ	10.6889, 16.0103, 3.1887
YIQ	98.9990, 8.6270, -40.7250

# Conversions

## Conversions Part 2

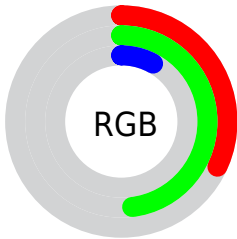
Format	Color
<b>R<sub>YB</sub></b>	20, 123, 61
Decimal	5405460
CIE <sub>Lab</sub>	46.99, -30.16, 46.95
CIE <sub>LCh</sub>	47, 55.803, 122.712
Yxy	16.0103, 0.3576, 0.5357
Android (android.graphics.Color)	4283595540 (0xFF527B14)
YUV	98.9990, -38.9465, -14.9081
Hunter-Lab	40.0128, -22.3385, 23.2840

# Details

The Decimal color **5405460** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4002939**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8892490**, and **2050560** is the 20% darker color. If you saturate the color by 10%, you get **5077768**, and if you desaturate by 10%, it is **5733152**.

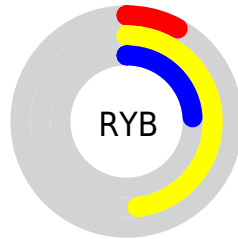
# Distribution



Red (32%)

Green (48%)

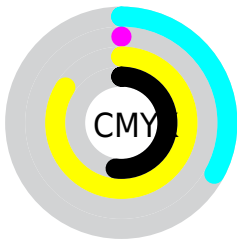
Blue (8%)



Red (8%)

Yellow (48%)

Blue (24%)

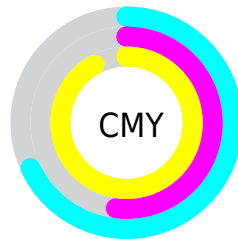


Cyan (33%)

Magenta (0%)

Yellow (84%)

Black (52%)



Cyan (68%)

Magenta (52%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5405460 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 5405460 by changing the saturation by 10% instead.





5405460



5405460

16777215



3695104



8892490



2050560



10734436



13056



12576894



8192



14417817



0



16318388



16777168



16777197



5405460



5405460

■ 5077768

■ 5733152

■ 4881152

■ 6060845

■ 6388537

■ 6716229

■ 6978386

■ 7306078

■ 7633770

■ 7961462

■ 8289155

# Harmonies

## Analogous

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



8548096



5405460



33346

# Triad

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



5405460



32707



12729965

# Complementary

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



5405460



4002939

# 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.



11226011



5405460



29902

# Square

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



5405460



33953



7627199



12470335

# Rectangle

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



5405460



33890



7627199



12402813



# Sweetspot

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



5405460



9544056



8076052



4739641



13750737



5395026



# Same Dimension

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



5405460



6398208



2128660



3882295



4947200



10025984



# Inverse Universe

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



4002939



4194465



7279739



3815229



3276925



6553852



# Previews

## White Background



This preview shows how the Decimal color 5405460 looks on a white background.

## Color Contrast Check

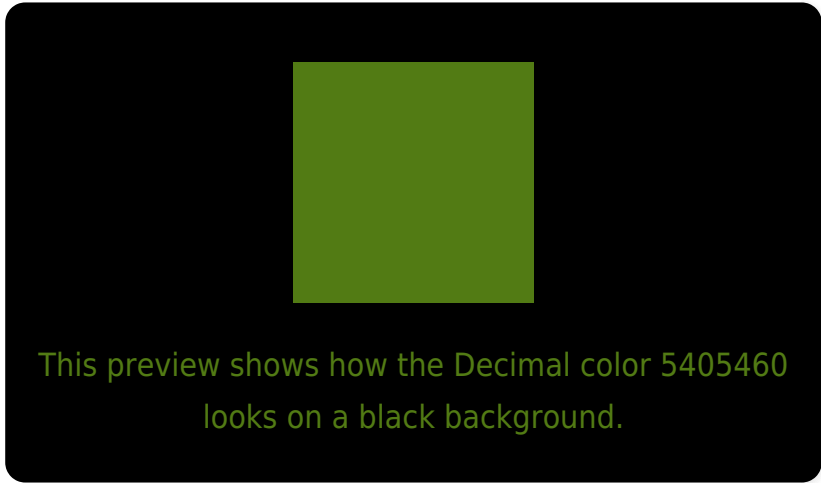
Large Text (above 18pt) WCAG AA ✓ Pass

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 5405460 Background



This preview shows how black text looks on a background with the Decimal color 5405460.



This preview shows how white text looks on a background with the Decimal color 5405460.

# 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**  
5405460

**Protanopia**  
8220433

**Deuteranopia**  
9136414



**Tritanopia**  
6189692

# Trichromacy



**Original Color**  
5405460

**Protanomaly**  
7172882

**Deuteranomaly**  
7761946

**Tritanomaly**  
5928278

# Monochromacy



**Original Color**  
5405460

**Achromatopsia**  
6513507

**Achromatomaly**  
6122566

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5405460 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 #527B14 looks like.

```
.text, #text, p{  
    color:#527B14  
}
```

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 #527B14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #527B14
}
```

## Border

The CSS property to change the border of an element to Decimal 5405460 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
#527B14 }
```

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

```
.border{ border-color:#527B14 }
```

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

Here you see how a box with a 4 pixel #527B14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #527B14; -webkit-box-shadow:4px 4px  
4px 4px #527B14; box-shadow:4px 4px 4px  
4px #527B14 }
```

# Background

The CSS property to change the background color of an element to Decimal 5405460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#527B14 }
```

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

```
.background{ background-color:#527B14 }
```

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