

Converting Colors

Decimal(5805064)

Have a look what the booklet for
Decimal(5805064) contains.

Decimal(5805064)	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(5805064)

Conversions

Conversions Part 1

Format	Color
Hex	589408
RGB	88, 148, 8
RGB Percent	35%, 58%, 3%
CMY	0.6549, 0.4196, 0.9686
CMYK	0.41, 0.00, 0.95, 0.42
HSL	86°, 90%, 31%
HSV	86°, 95%, 58%
XYZ	14.6582, 23.2720, 3.9491
YIQ	114.1000, 9.1800, -56.2600

Conversions

Conversions Part 2

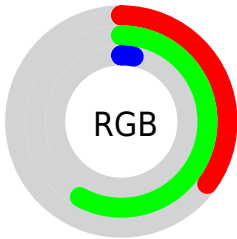
Format	Color
RYB	8, 148, 68
Decimal	5805064
CIELab	55.35, -39.42, 56.82
CIELCh	55, 69.150, 124.750
Yxy	23.2720, 0.3500, 0.5557
Android (android.graphics.Color)	4283995144 (0xFF589408)
YUV	114.1000, -52.3073, -22.8897
Hunter-Lab	48.2411, -30.1841, 28.9152

Details

The Decimal color **5805064** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4458644**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9423689**, and **2056448** is the 20% darker color. If you saturate the color by 10%, you get **5608448**, and if you desaturate by 10%, it is **6198295**.

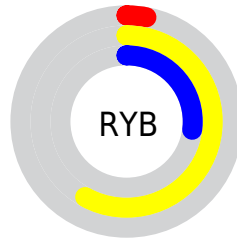
Distribution



 Red (35%)

 Green (58%)

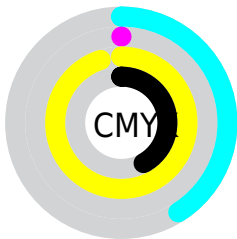
 Blue (3%)




 Red (3%)

 Yellow (58%)

 Blue (27%)

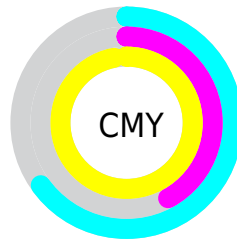


 Cyan (41%)


 Magenta (0%)

 Yellow (95%)

 Black (42%)



 Cyan (65%)

 Magenta (42%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5805064 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 5805064 by changing the saturation by 10% instead.



5805064



5805064

16777215



3963392



9423689



2056448



11331428



18432



13172607



12544



15138714



6912



16777142



0



16777171



16777200



5805064



5805064

■ 5608448

■ 6198295

■ 6657062

■ 7050292

■ 7443523

■ 7902290

■ 8295521

■ 8688752

■ 9147518

■ 9540749

Harmonies

Analogous

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



9929984



5805064



40014

Triad

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



5805064



39153



15548798

Complementary

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



5805064



4458644

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.



13849017



5805064



35325

Square

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



5805064



40904



9466088



15094340

Rectangle

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



5805064



40824



9466088



15221650

Sweetspot

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



5805064



11059082



9716232



5464384



14737632



6381921

Same Dimension

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



5805064



7192320



1348616



4672067



5212672



395776

Inverse Universe

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



4458644



5374143



8915092



4604746



3866762



262154

Previews

White Background



This preview shows how the Decimal color 5805064 looks on a white background.

Color Contrast Check

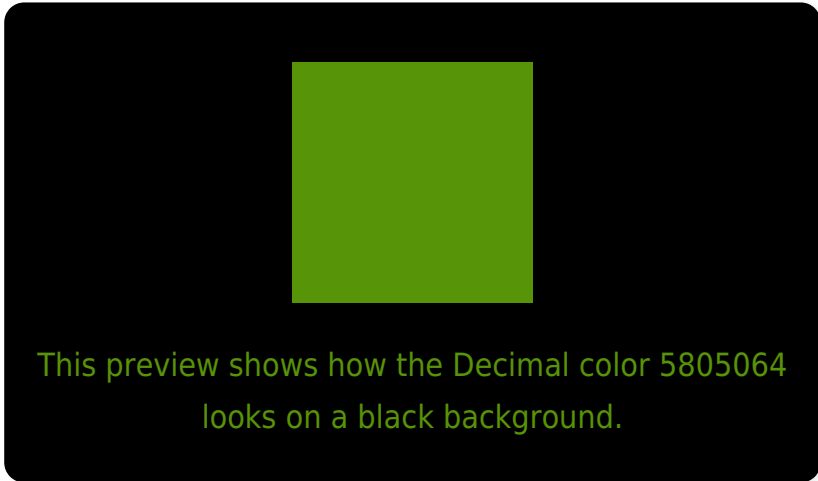
Large Text (above 18pt) WCAG AA ✓ Pass

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 5805064 Background



This preview shows how black text looks on a background with the Decimal color 5805064.



This preview shows how white text looks on a background with the Decimal color 5805064.

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
5805064

Protanopia
9798656

Deuteranopia
10911006



Tritanopia
6916757

Trichromacy



Original Color
5805064

Protanomaly
8358403

Deuteranomaly
9078038

Tritanomaly
6524514

Monochromacy



Original Color
5805064

Achromatopsia
7500402

Achromatomaly
6913611

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5805064 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 #589408 looks like.

```
.text, #text, p{  
    color:#589408  
}
```

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 #589408 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589408
}
```

Border

The CSS property to change the border of an element to Decimal 5805064 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
#589408 }
```

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

```
.border{ border-color:#589408 }
```

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

Here you see how a box with a 4 pixel #589408 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589408; -webkit-box-shadow:4px 4px  
4px 4px #589408; box-shadow:4px 4px 4px  
4px #589408 }
```

Background

The CSS property to change the background color of an element to Decimal 5805064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589408 }
```

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

```
.background{ background-color:#589408 }
```

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