

Converting Colors

Decimal(5075712)

Have a look what the booklet for
Decimal(5075712) contains.

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Color

Decimal(5075712)

Conversions

Conversions Part 1

Format	Color
Hex	4D7300
RGB	77, 115, 0
RGB Percent	30%, 45%, 0%
CMY	0.6980, 0.5490, 1.0000
CMYK	0.33, 0.00, 1.00, 0.55
HSL	80°, 100%, 23%
HSV	80°, 100%, 45%
XYZ	9.1913, 13.8392, 2.1868
YIQ	90.5280, 14.2670, -43.8210

Conversions

Conversions Part 2

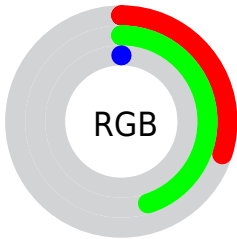
Format	Color
RYB	0, 115, 38
Decimal	5075712
CIELab	44.00, -29.13, 49.09
CIELCh	44, 57.078, 120.684
Yxy	13.8392, 0.3645, 0.5488
Android (android.graphics.Color)	4283265792 (0xFF4D7300)
YUV	90.5280, -44.6303, -11.8641
Hunter-Lab	37.2011, -20.9999, 22.5555

Details

The Decimal color **5075712** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2490483**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **8562493**, and **1655296** is the 20% darker color. If you saturate the color by 10%, you get **5075712**, and if you desaturate by 10%, it is **5337867**.

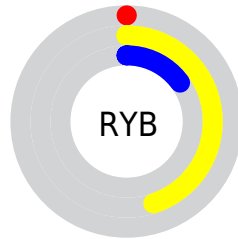
Distribution



Red (30%)

Green (45%)

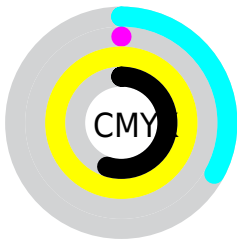
Blue (0%)



Red (0%)

Yellow (45%)

Blue (15%)

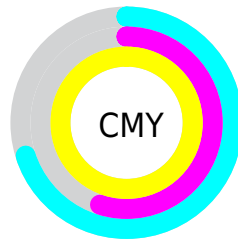


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (70%)
















Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5075712 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 5075712 by changing the saturation by 10% instead.

 5075712	 5075712
16777213	 3365376
 8562493	 1655296
 10338903	 11264
 12181105	 5888
 14089100	 0
 15990695	
 16777155	
 16777184	
 5075712	

 5337867

 5600023

 5796643

 6058798

 6320954

 6583109

 6845265

 7041884

 7304040

Harmonies

Analogous

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



8218112



5075712



31287

Triad

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



5075712



30907



12203113

Complementary

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



5075712



2490483

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.



10568599



5075712



28359

Square

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



5075712



32151



6708154



12074299

Rectangle

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



5075712



32087



6708154



11875961

Sweetspot

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



5075712



8951401



7545856



4410673



13421772



5066061

Same Dimension

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



5075712



6657536



1405696



3750709



5405184



11008512

Inverse Universe

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



2490483



3276950



6160499



3618107



2621562



5439738

Previews

White Background



This preview shows how the Decimal color 5075712 looks on a white background.

Color Contrast Check

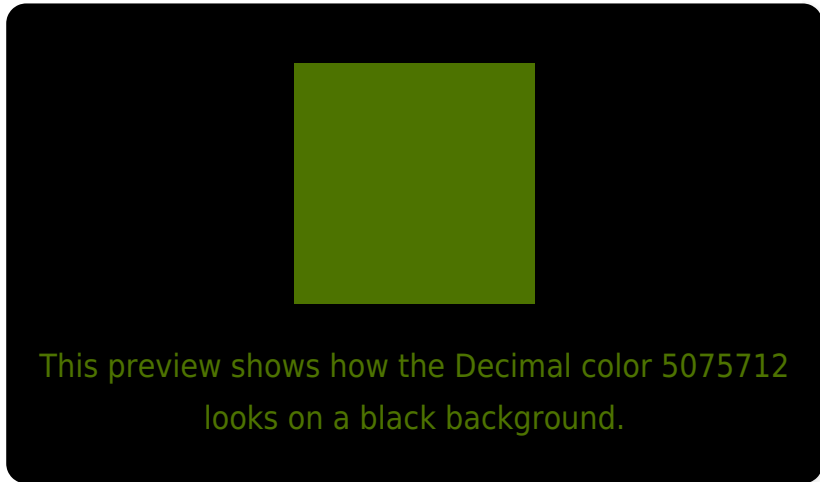
Large Text (above 18pt) WCAG AA ✓ Pass

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 5075712 Background



This preview shows how black text looks on a background with the Decimal color 5075712.



This preview shows how white text looks on a background with the Decimal color 5075712.

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](#).

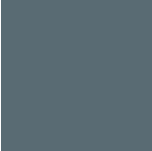
Dichromacy



Original Color
5075712

Protanopia
7694336

Deuteranopia
8610326



Tritanopia
5860211

Trichromacy



Original Color
5075712

Protanomaly
6712320

Deuteranomaly
7301134

Tritanomaly
5598793

Monochromacy



Original Color
5075712

Achromatopsia
5987163

Achromatomaly
5661754

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5075712 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 #4D7300 looks like.

```
.text, #text, p{  
    color:#4D7300  
}
```

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 #4D7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7300
}
```

Border

The CSS property to change the border of an element to Decimal 5075712 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
#4D7300 }
```

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

```
.border{ border-color:#4D7300 }
```

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

Here you see how a box with a 4 pixel #4D7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7300; -webkit-box-shadow:4px 4px  
4px 4px #4D7300; box-shadow:4px 4px 4px  
4px #4D7300 }
```

Background

The CSS property to change the background color of an element to Decimal 5075712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7300 }
```

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

```
.background{ background-color:#4D7300 }
```

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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