

Converting Colors

Decimal(5993216)

Have a look what the booklet for
Decimal(5993216) contains.

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Color

Decimal(5993216)

Conversions

Conversions Part 1

Format	Color
Hex	5B7300
RGB	91, 115, 0
RGB Percent	36%, 45%, 0%
CMY	0.6431, 0.5490, 1.0000
CMYK	0.21, 0.00, 1.00, 0.55
HSL	73°, 100%, 23%
HSV	73°, 100%, 45%
XYZ	10.4451, 14.4856, 2.2455
YIQ	94.7140, 22.6110, -40.8530

Conversions

Conversions Part 2

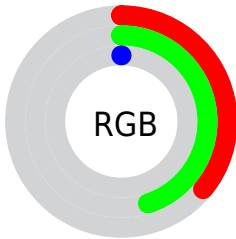
Format	Color
RYB	0, 115, 24
Decimal	5993216
CIELab	44.92, -23.10, 50.19
CIElCh	45, 55.251, 114.712
Yxy	14.4856, 0.3843, 0.5330
Android (android.graphics.Color)	4284183296 (0xFF5B7300)
YUV	94.7140, -46.6940, -3.2572
Hunter-Lab	38.0600, -17.6177, 23.1439

Details

The Decimal color **5993216** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1572979**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **9545534**, and **2638592** is the 20% darker color. If you saturate the color by 10%, you get **5993216**, and if you desaturate by 10%, it is **6124299**.

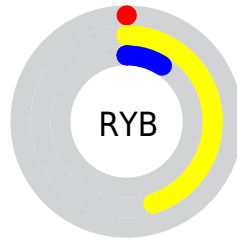
Distribution



Red (36%)

Green (45%)

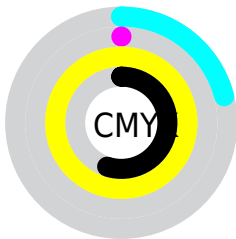
Blue (0%)



Red (0%)

Yellow (45%)

Blue (9%)

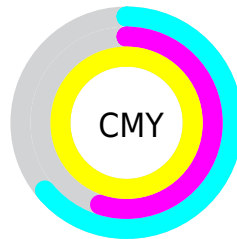


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5993216 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 5993216 by changing the saturation by 10% instead.

■ 5993216

■ 5993216

16777214

■ 4282880

■ 9545534

■ 2638592

■ 11321944

■ 797696

■ 13229682

■ 6656

■ 15072141

■ 0

■ 16777128

■ 16777156

■ 16777185

■ 5993216

■ 6124299

■ 6320919

■ 6452003

■ 6648622

■ 6779706

■ 6910789

■ 7107409

■ 7238492

■ 7435112

Harmonies

Analogous

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



8873216



5993216



949041

Triad

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



5993216



31925



12008308

Complementary

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



5993216



1572979

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.



10046624



5993216



29382

Square

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



5993216



32656



5792447



12271431

Rectangle

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



5993216



32336



5792447



11616132

Sweetspot

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



5993216



9279081



7542528



4672817



13421772



5066061

Same Dimension

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



5993216



7837184



2323200



3750709



6388224



13040128

Inverse Universe

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



1572979



2031766



5308531



3552571



1704058



3408122

Previews

White Background



This preview shows how the Decimal color 5993216 looks on a white background.

Color Contrast Check

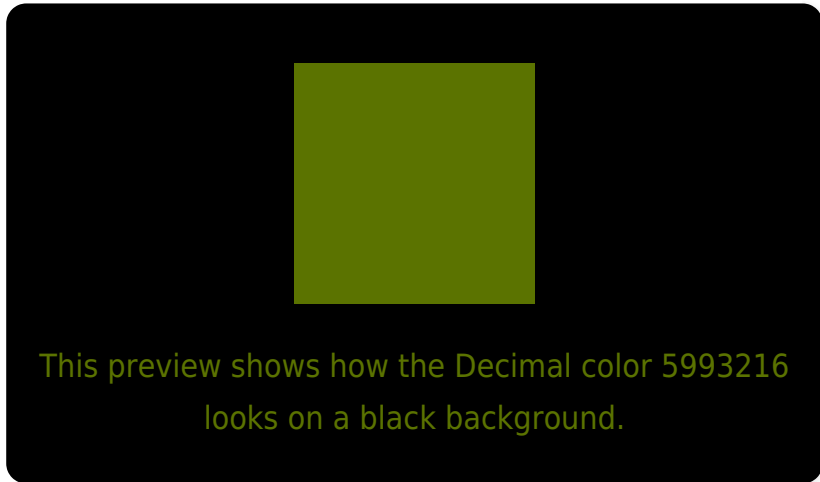
Large Text (above 18pt) WCAG AA ✓ Pass

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

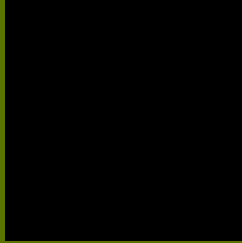
Any Text WCAG AA × Fail

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 5993216 Background



This preview shows how black text looks on a background with the Decimal color 5993216.



This preview shows how white text looks on a background with the Decimal color 5993216.

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
5993216

Protanopia
7891456

Deuteranopia
8807701



Tritanopia
6646643

Trichromacy



Original Color
5993216

Protanomaly
7171328

Deuteranomaly
7760397

Tritanomaly
6385225

Monochromacy



Original Color
5993216

Achromatopsia
6250335

Achromatomaly
6186556

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5993216 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 #5B7300 looks like.

```
.text, #text, p{  
    color:#5B7300  
}
```

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 #5B7300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7300
}
```

Border

The CSS property to change the border of an element to Decimal 5993216 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
#5B7300 }
```

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

```
.border{ border-color:#5B7300 }
```

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

Here you see how a box with a 4 pixel #5B7300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7300; -webkit-box-shadow:4px 4px  
4px 4px #5B7300; box-shadow:4px 4px 4px  
4px #5B7300 }
```

Background

The CSS property to change the background color of an element to Decimal 5993216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7300 }
```

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

```
.background{ background-color:#5B7300 }
```

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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