

Converting Colors

Decimal(6271488)

Have a look what the booklet for
Decimal(6271488) contains.

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Color

Decimal(6271488)

Conversions

Conversions Part 1

Format	Color
Hex	5FB200
RGB	95, 178, 0
RGB Percent	37%, 70%, 0%
CMY	0.6275, 0.3020, 1.0000
CMYK	0.47, 0.00, 1.00, 0.30
HSL	88°, 100%, 35%
HSV	88°, 100%, 70%
XYZ	20.6397, 34.2737, 5.5277
YIQ	132.8910, 7.6700, -72.9540

Conversions

Conversions Part 2

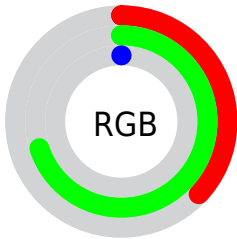
Format	Color
RYB	0, 178, 83
Decimal	6271488
CIELab	65.18, -49.38, 65.91
CIELCh	65, 82.354, 126.840
Yxy	34.2737, 0.3415, 0.5671
Android (android.graphics.Color)	4284461568 (0xFF5FB200)
YUV	132.8910, -65.5153, -33.2304
Hunter-Lab	58.5437, -39.5210, 35.3825

Details

The Decimal color **6271488** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5439666**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **10086988**, and **1997824** is the 20% darker color. If you saturate the color by 10%, you get **6271488**, and if you desaturate by 10%, it is **6795794**.

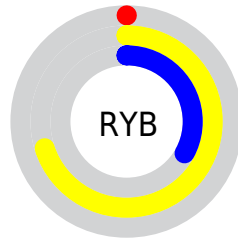
Distribution



Red (37%)

Green (70%)

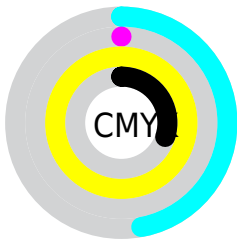
Blue (0%)



Red (0%)

Yellow (70%)

Blue (33%)

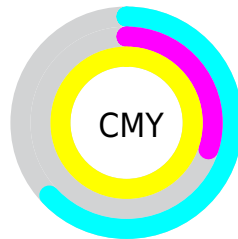


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (63%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6271488 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 6271488 by changing the saturation by 10% instead.

 6271488

 6271488

16777215

 4298496

 10086988

 1997824

 11992937

 25344

 13959045

 18944

 15925153

 13056

 16777149

 6912

 16777178

 0

 16777208

 6271488

■ 6795794

■ 7385636

■ 7909941

■ 8434247

■ 8958553

■ 9548395

■ 10072701

■ 10597006

■ 11186848

Harmonies

Analogous

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



11510016



6271488



47968

Triad

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



6271488



46591



16730001

Complementary

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



6271488



5439666

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.



16735194



6271488



41727

Square

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



6271488



48885



11764479



16736329

Rectangle

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



6271488



48788



11764479



16730281

Sweetspot

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



6271488



13166754



11685888



6452555



16119285



7697781

Same Dimension

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



6271488



8185856



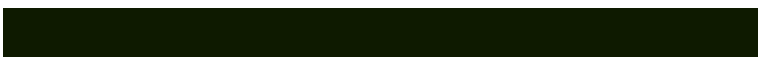
635392



5593424



5413120



924160

Inverse Universe

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



5439666



7078120



11075762



5525593



4653209



786458

Previews

White Background



This preview shows how the Decimal color 6271488 looks on a white background.

Color Contrast Check

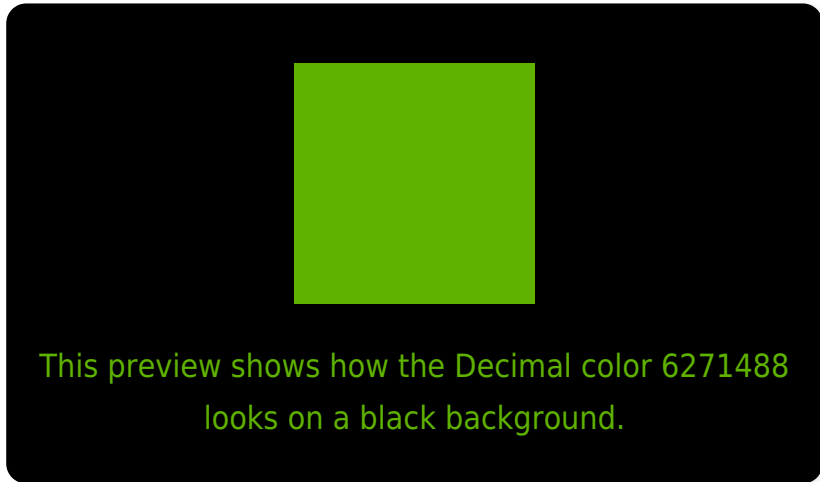
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6271488 Background



This preview shows how black text looks on a background with the Decimal color 6271488.



This preview shows how white text looks on a background with the Decimal color 6271488.

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





Tritanopia
7710131

Trichromacy



Original Color
6271488

Protanomaly
9741568

Deuteranomaly
10592279

Tritanomaly
7187058

Monochromacy



Original Color
6271488

Achromatopsia
8750469

Achromatomaly
7837013

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6271488 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 #5FB200 looks like.

```
.text, #text, p{  
    color:#5FB200  
}
```

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 #5FB200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB200
}
```

Border

The CSS property to change the border of an element to Decimal 6271488 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
#5FB200 }
```

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

```
.border{ border-color:#5FB200 }
```

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

Here you see how a box with a 4 pixel #5FB200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB200; -webkit-box-shadow:4px 4px  
4px 4px #5FB200; box-shadow:4px 4px 4px  
4px #5FB200 }
```

Background

The CSS property to change the background color of an element to Decimal 6271488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB200 }
```

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

```
.background{ background-color:#5FB200 }
```

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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