

Converting Colors

Decimal(6088)

Have a look what the booklet for
Decimal(6088) contains.

Decimal(6088)	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(6088)

Conversions

Conversions Part 1	
Format	Color
Hex	0017C8
RGB	0, 23, 200
RGB Percent	0%, 9%, 78%
CMY	1.0000, 0.9098, 0.2157
CMYK	1.00, 0.89, 0.00, 0.22
HSL	233°, 100%, 39%
HSV	233°, 100%, 78%
XYZ	10.7317, 4.7829, 55.0012
YIQ	36.3010, -70.5250, 50.1710

Conversions

Conversions Part 2

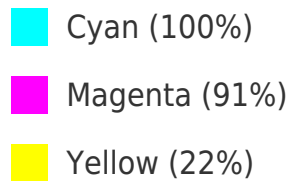
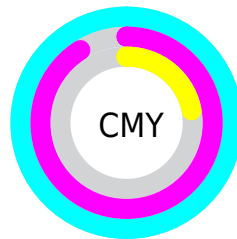
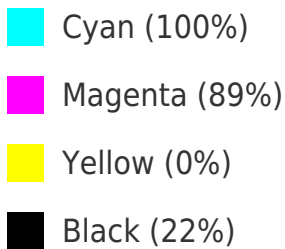
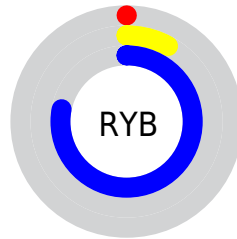
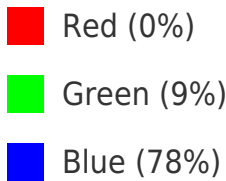
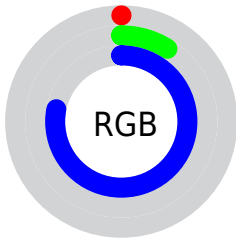
Format	Color
RYB	0, 21, 200
Decimal	6088
CIELab	26.11, 60.17, -86.68
CIELCh	26, 105.519, 304.765
Yxy	4.7829, 0.1522, 0.0678
Android (android.graphics.Color)	4278196168 (0xFF0017C8)
YUV	36.3010, 80.7036, -31.8360
Hunter-Lab	21.8699, 49.3190, -133.8010

Details

The Decimal color **6088** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **13152512**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **6834943**, and **144** is the 20% darker color. If you saturate the color by 10%, you get **6088**, and if you desaturate by 10%, it is **1321416**.



















Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 6088 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 6088 by changing the saturation by 10% instead.

 6088	 6088
 16777215	 172
 6834943	 144
 9004287	 118
 11108095	 3420
 13212159	 1859
 15250943	 812
 16765439	 278
 16772607	 0

 6088

 1321416

 2636488

 3951816

 5267144

 6582472

 7897544

 9212872

 10528200

 11843272

Harmonies

Analogous

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



19431



6088



10354821

Triad

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



6088



8326400



21834

Complementary

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



6088



13152512

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.



21248



6088



4276224

Square

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



6088



11141120



19968



22683

Rectangle

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



6088



11927632



19968



21549

Sweetspot

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



6088



11779071



51377



5396352



0



8421504

Same Dimension

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



6088



7679



5046472



5921635



5027



1060

Inverse Universe

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



13107223



16711709



8112128



6511195



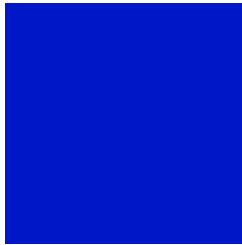
10682387



2359300

Previews

White Background



This preview shows how the Decimal color 6088 looks on a white background.

Color Contrast Check

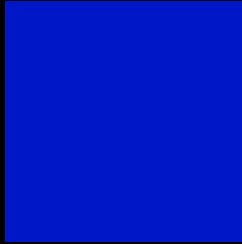
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 6088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

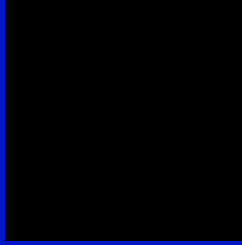
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6088 Background



This preview shows how black text looks on a background with the Decimal color 6088.

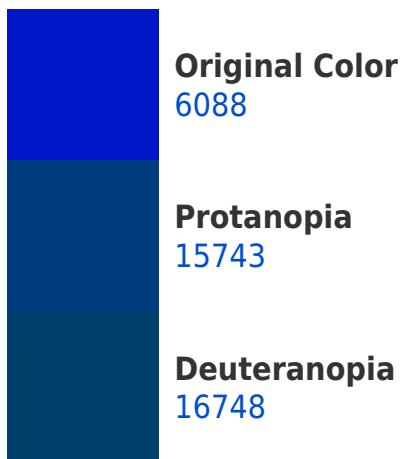


This preview shows how white text looks on a background with the Decimal color 6088.

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

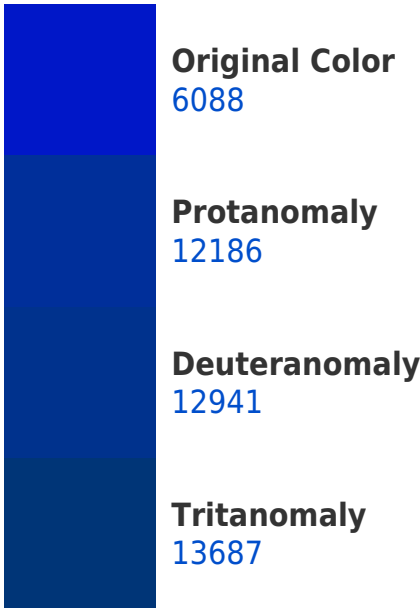




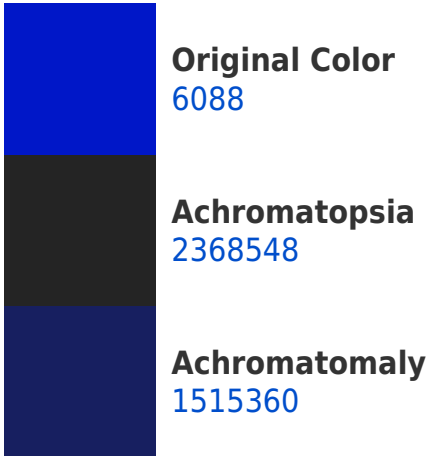
Tritanopia

17993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6088 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 #0017C8 looks like.

```
.text, #text, p{  
    color:#0017C8  
}
```

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 #0017C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0017C8
}
```

Border

The CSS property to change the border of an element to Decimal 6088 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
#0017C8 }
```

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

```
.border{ border-color:#0017C8 }
```

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

Here you see how a box with a 4 pixel #0017C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0017C8; -webkit-box-shadow:4px 4px  
4px 4px #0017C8; box-shadow:4px 4px 4px  
4px #0017C8 }
```

Background

The CSS property to change the background color of an element to Decimal 6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0017C8 }
```

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

```
.background{ background-color:#0017C8 }
```

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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