

Converting Colors

Decimal(1206492)

Have a look what the booklet for
Decimal(1206492) contains.

Decimal(1206492)	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(1206492)

Conversions

Conversions Part 1

Format	Color
Hex	1268DC
RGB	18, 104, 220
RGB Percent	7%, 41%, 86%
CMY	0.9294, 0.5922, 0.1373
CMYK	0.92, 0.53, 0.00, 0.14
HSL	214°, 85%, 47%
HSV	214°, 92%, 86%
XYZ	18.1180, 15.1965, 69.6884
YIQ	91.5100, -88.4920, 17.8440

Conversions

Conversions Part 2

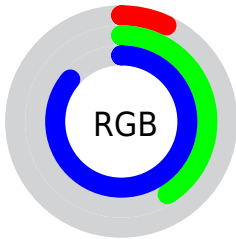
Format	Color
R _Y B	18, 78, 220
Decimal	1206492
CIE Lab	45.90, 20.94, -65.63
CIE LCh	46, 68.889, 287.695
Yxy	15.1965, 0.1759, 0.1475
Android (android.graphics.Color)	4279396572 (0xFF1268DC)
YUV	91.5100, 63.3456, -64.4683
Hunter-Lab	38.9827, 14.7418, -78.7033

Details

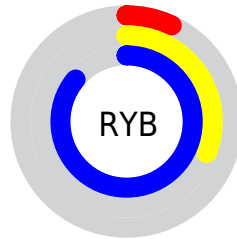
The Decimal color **1206492** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **14452242**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **7052031**, and **15012** is the 20% darker color. If you saturate the color by 10%, you get **24284**, and if you desaturate by 10%, it is **2651612**.

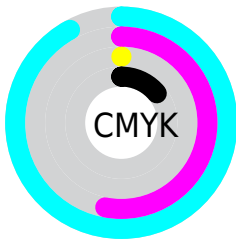
Distribution



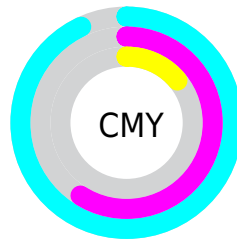
- Red (7%)
- Green (41%)
- Blue (86%)



- Red (7%)
- Yellow (31%)
- Blue (86%)



- Cyan (92%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)

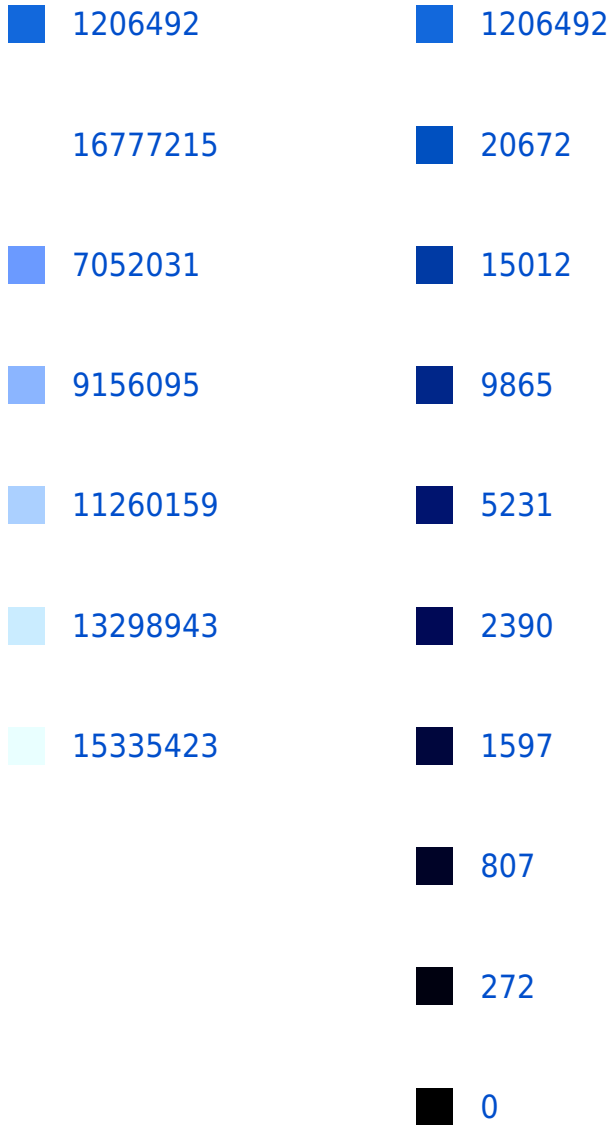


- Cyan (93%)
- Magenta (59%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1206492 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 1206492 by changing the saturation by 10% instead.



■ 1206492

■ 1206492

■ 24284

■ 2651612

■ 4096476

■ 5541596

■ 6986716

■ 8431580

■ 9876700

■ 11321564

■ 12766684

■ 14211804

Harmonies

Analogous

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



31710



1206492



9980603

Triad

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



1206492



12403988



33874

Complementary

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



1206492



14452242

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.



32527



1206492



9986560

Square

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



1206492



13640782



6583296



34446

Rectangle

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



1206492



12268186



6583296



33598

Sweetspot

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



1206492



12113663



1236100



5531520



0



8421504

Same Dimension

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



1206492



28159



2036444



6514542



19117



5166

Inverse Universe

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



14422632



16711789



13622290



7234407



11337802



3014676

Previews

White Background



This preview shows how the Decimal color 1206492 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



This preview shows how the Decimal color 1206492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

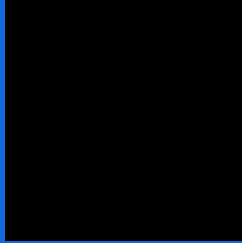
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

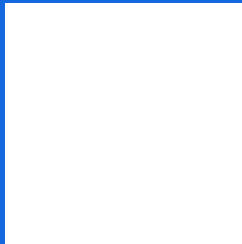
Any Text WCAG AAA × Fail

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

Decimal 1206492 Background



This preview shows how black text looks on a background with the Decimal color 1206492.



This preview shows how white text looks on a background with the Decimal color 1206492.

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
30848

Trichromacy



Original Color
1206492

Protanomaly
1206492

Deuteranomaly
486602

Tritanomaly
488097

Monochromacy



Original Color
1206492

Achromatopsia
6052956

Achromatomaly
4284555

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1206492 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 #1268DC looks like.

```
.text, #text, p{  
  color:#1268DC  
}
```

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 #1268DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1268DC
}
```

Border

The CSS property to change the border of an element to Decimal 1206492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

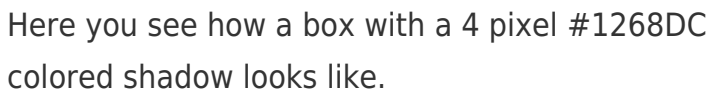
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1268DC }
```

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

```
.border{ border-color:#1268DC }
```

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



Here you see how a box with a 4 pixel #1268DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1268DC; -webkit-box-shadow:4px 4px  
4px 4px #1268DC; box-shadow:4px 4px 4px  
4px #1268DC }
```

Background

The CSS property to change the background color of an element to Decimal 1206492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1268DC }
```

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

```
.background{ background-color:#1268DC }
```

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