

Converting Colors

Decimal(3619020)

Have a look what the booklet for
Decimal(3619020) contains.

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Color

Decimal(3619020)

Conversions

Conversions Part 1

Format	Color
Hex	3738CC
RGB	55, 56, 204
RGB Percent	22%, 22%, 80%
CMY	0.7843, 0.7804, 0.2000
CMYK	0.73, 0.73, 0.00, 0.20
HSL	240°, 59%, 51%
HSV	240°, 73%, 80%
XYZ	13.8888, 8.0002, 57.9389
YIQ	72.5730, -48.1040, 45.8160

Conversions

Conversions Part 2

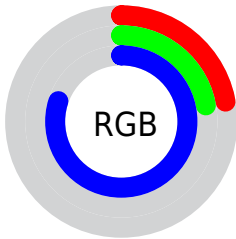
Format	Color
RYB	55, 56, 204
Decimal	3619020
CIELab	33.98, 47.91, -75.89
CIELCh	34, 89.750, 302.265
Yxy	8.0002, 0.1740, 0.1002
Android (android.graphics.Color)	4281809100 (0xFF3738CC)
YUV	72.5730, 64.7935, -15.4115
Hunter-Lab	28.2846, 38.1520, -101.6518

Details

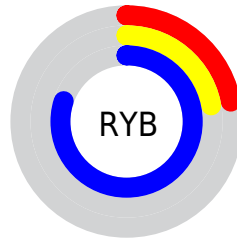
The Decimal color **3619020** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **13421367**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **8088063**, and **2708** is the 20% darker color. If you saturate the color by 10%, you get **2303180**, and if you desaturate by 10%, it is **4934860**.

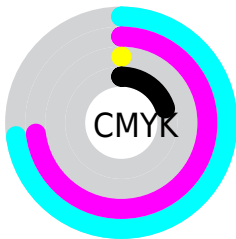
Distribution



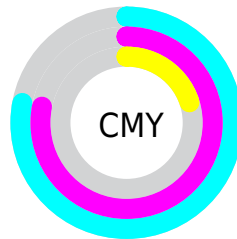
- Red (22%)
- Green (22%)
- Blue (80%)



- Red (22%)
- Yellow (22%)
- Blue (80%)



- Cyan (73%)
- Magenta (73%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3619020 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 3619020 by changing the saturation by 10% instead.

 3619020


 3619020

16777215


 8624

 8088063

 2708

 10126079


 122

 12164607

 96

 14137599

 2119

 16176383

 1071

 16773375

 282

 0

 3619020

 3619020

■ 2303180

■ 4934860

■ 921548

■ 6316492

■ 460

■ 7632332

■ 9013708

■ 10329548

■ 11645644

■ 13027020

■ 14342860

■ 15724236

Harmonies

Analogous

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



23267



3619020



10682516

Triad

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



3619020



9710592



26708

Complementary

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



3619020



13421367

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.



26112



3619020



6180864

Square

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



3619020



12124167



24320



27292

Rectangle

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



3619020



12386406



24320



26683

Sweetspot

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



3619020



13092863



3656906



6184832



0



8421504

Same Dimension

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



3619020



2040063



8337356



6052966



422



38

Inverse Universe

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



13383480



16719648



8703031



6708316



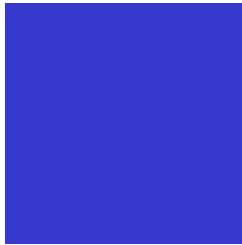
10878977



2490368

Previews

White Background



This preview shows how the Decimal color 3619020 looks on a white background.

Color Contrast Check

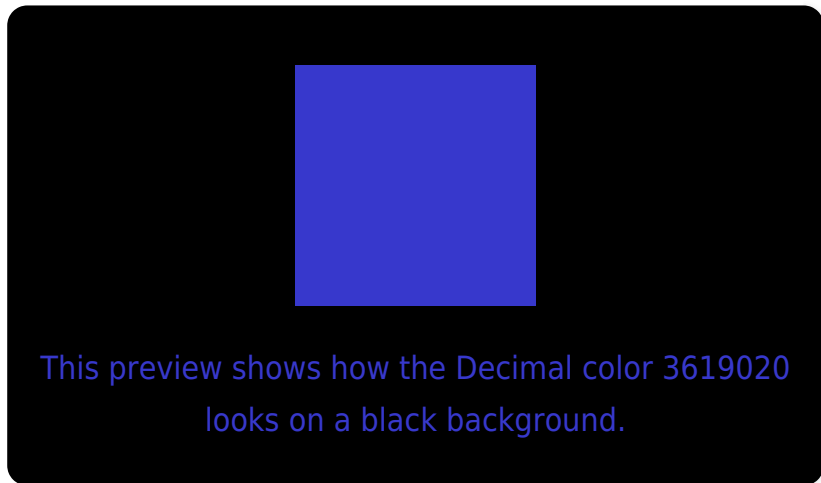
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

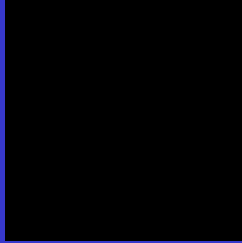
Any Text WCAG AA × Fail

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 3619020 Background



This preview shows how black text looks on a background with the Decimal color 3619020.

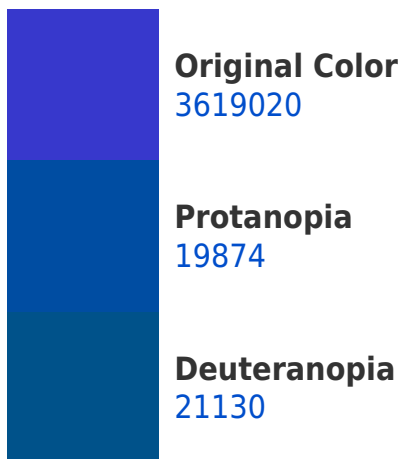


This preview shows how white text looks on a background with the Decimal color 3619020.

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



Trichromacy



Original Color
3619020

Protanomaly
1328561

Deuteranomaly
1329570

Tritanomaly
1330310

Monochromacy



Original Color
3619020

Achromatopsia
4802889

Achromatomaly
4342649

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3619020 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 #3738CC looks like.

```
.text, #text, p{  
    color:#3738CC  
}
```

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 #3738CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3738CC
}
```

Border

The CSS property to change the border of an element to Decimal 3619020 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".

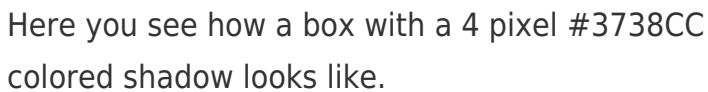
```
.border, #border, table{ border:4px solid
#3738CC }
```

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

```
.border{ border-color:#3738CC }
```

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

Here you see how a box with a 4 pixel #3738CC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset in all directions from the box, creating a 4-pixel wide blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3738CC; -webkit-box-shadow:4px 4px  
4px 4px #3738CC; box-shadow:4px 4px 4px  
4px #3738CC }
```

Background

The CSS property to change the background color of an element to Decimal 3619020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3738CC }
```

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

```
.background{ background-color:#3738CC }
```

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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