

Converting Colors

Decimal(4023264)

Have a look what the booklet for
Decimal(4023264) contains.

Decimal(4023264)	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(4023264)

Conversions

Conversions Part 1

Format	Color
Hex	3D63E0
RGB	61, 99, 224
RGB Percent	24%, 39%, 88%
CMY	0.7608, 0.6118, 0.1216
CMYK	0.73, 0.56, 0.00, 0.12
HSL	226°, 72%, 56%
HSV	226°, 73%, 88%
XYZ	19.8409, 15.2976, 72.4280
YIQ	101.8880, -62.7730, 30.8190

Conversions

Conversions Part 2

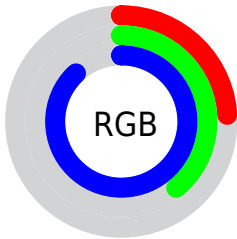
Format	Color
RYB	61, 92, 224
Decimal	4023264
CIELab	46.04, 29.19, -67.62
CIELCh	46, 73.656, 293.351
Yxy	15.2976, 0.1845, 0.1422
Android (android.graphics.Color)	4282213344 (0xFF3D63E0)
YUV	101.8880, 60.2012, -35.8588
Hunter-Lab	39.1121, 22.1034, -82.4149

Details

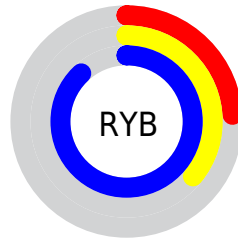
The Decimal color **4023264** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **14727741**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8492543**, and **13736** is the 20% darker color. If you saturate the color by 10%, you get **2577120**, and if you desaturate by 10%, it is **5469408**.

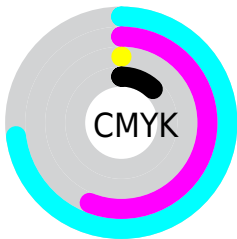
Distribution



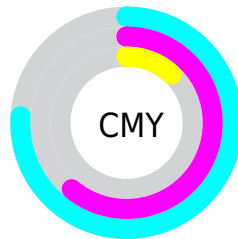
- Red (24%)
- Green (39%)
- Blue (88%)



- Red (24%)
- Yellow (36%)
- Blue (88%)



- Cyan (73%)
- Magenta (56%)
- Yellow (0%)
- Black (12%)

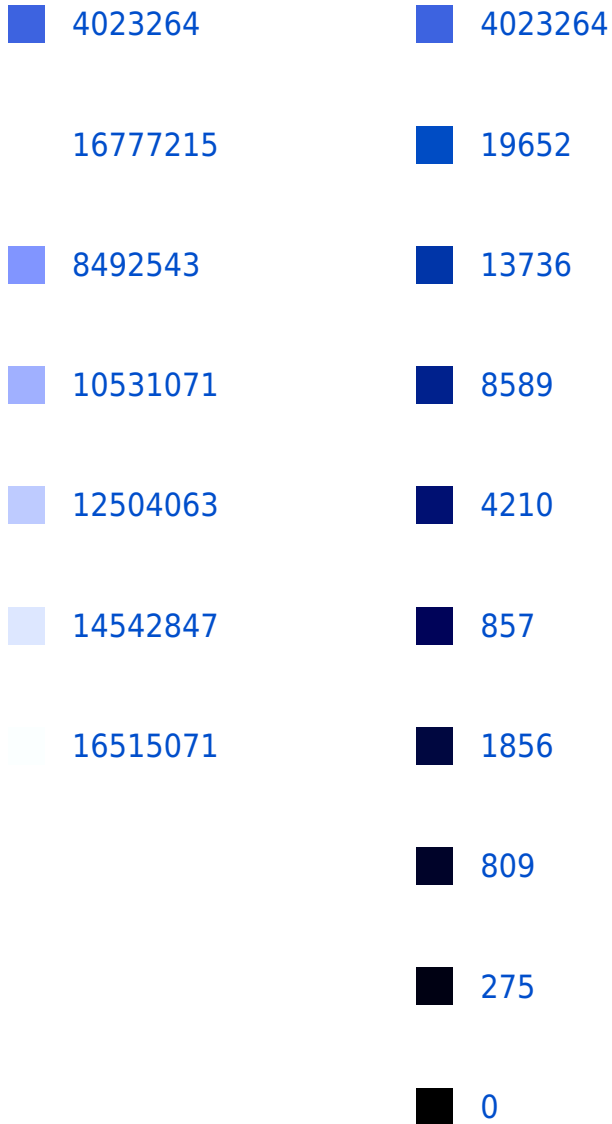


- Cyan (76%)
- Magenta (61%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4023264 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 4023264 by changing the saturation by 10% instead.



■ 4023264

■ 4023264

■ 2577120

■ 5469408

■ 1065440

■ 6981088

■ 13536

■ 8427488

■ 9939168

■ 11385312

■ 12831456

■ 14343136

■ 15789280

■ 16776928

Harmonies

Analogous

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



31209



4023264



11026360

Triad

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



4023264



12339200



34397

Complementary

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



4023264



14727741

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.



33303



4023264



9463296

Square

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



4023264



13901121



5666816



34717

Rectangle

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



4023264



13050002



5666816



34119

Sweetspot

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



4023264



13096191



4055226



6186624



0



8421504

Same Dimension

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



4023264



2184703



6831584



6645872



10672



2864

Inverse Universe

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



14695779



16720213



11919421



7365992



11534377



3145739

Previews

White Background



This preview shows how the Decimal color 4023264 looks on a white background.

Color Contrast Check

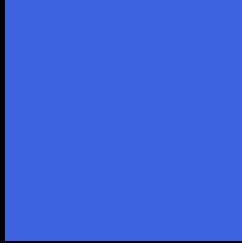
Large Text (above 18pt) WCAG AA ✓ Pass

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 4023264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

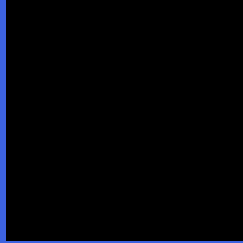
Any Text WCAG AA × Fail

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 4023264 Background



This preview shows how black text looks on a background with the Decimal color 4023264.



This preview shows how white text looks on a background with the Decimal color 4023264.

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
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4023264 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 #3D63E0 looks like.

```
.text, #text, p{  
    color:#3D63E0  
}
```

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 #3D63E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D63E0
}
```

Border

The CSS property to change the border of an element to Decimal 4023264 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
#3D63E0 }
```

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

```
.border{ border-color:#3D63E0 }
```

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

Here you see how a box with a 4 pixel #3D63E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D63E0; -webkit-box-shadow:4px 4px  
4px 4px #3D63E0; box-shadow:4px 4px 4px  
4px #3D63E0 }
```

Background

The CSS property to change the background color of an element to Decimal 4023264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D63E0 }
```

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

```
.background{ background-color:#3D63E0 }
```

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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