

Converting Colors

Decimal(4066440)

Have a look what the booklet for
Decimal(4066440) contains.

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Color

Decimal(4066440)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3E0C88 |
| RGB | 62, 12, 136 |
| RGB Percent | 24%, 5%, 53% |
| CMY | 0.7569, 0.9529, 0.4667 |
| CMYK | 0.54, 0.91, 0.00, 0.47 |
| HSL | 264°, 84%, 29% |
| HSV | 264°, 91%, 53% |
| XYZ | 6.5620, 3.0647, 23.5382 |
| YIQ | 41.0860, -10.0040, 49.1640 |

Conversions

Conversions Part 2

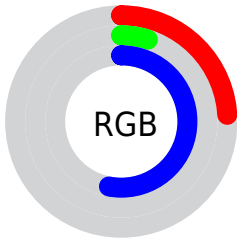
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 62, 12, 136 |
| Decimal | 4066440 |
| CIE Lab | 20.30, 48.65, -57.45 |
| CIE LCh | 20, 75.277, 310.260 |
| Yxy | 3.0647, 0.1979, 0.0924 |
| Android (android.graphics.Color) | 4282256520 (0xFF3E0C88) |
| YUV | 41.0860, 46.7926, 18.3416 |
| Hunter-Lab | 17.5061, 36.2733, -67.4652 |

Details

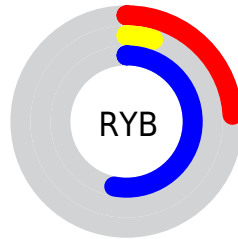
The Decimal color **4066440** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5670924**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **7815614**, and **85** is the 20% darker color. If you saturate the color by 10%, you get **3604616**, and if you desaturate by 10%, it is **4594312**.

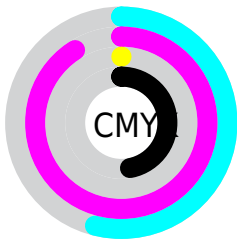
Distribution



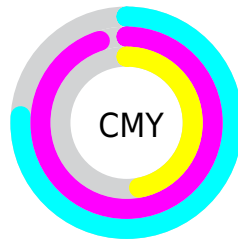
- Red (24%)
- Green (5%)
- Blue (53%)



- Red (24%)
- Yellow (5%)
- Blue (53%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)
- Black (47%)



- Cyan (76%)
- Magenta (95%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4066440 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 4066440 by changing the saturation by 10% instead.

■ 4066440

■ 4066440

16777215

■ 1966190

■ 7815614

■ 85

■ 9657051

■ 317

■ 11498744

■ 550

■ 13406207

■ 271

■ 15379199

■ 0

■ 16762623

■ 16769791

■ 4066440

■ 4066440

■ 3604616

■ 4594312

■ 5121928

■ 5649800

■ 6177416

■ 6770824

■ 7298696

■ 7826312

■ 8354184

■ 8881800

Harmonies

Analogous

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



13730



4066440



7995480

Triad

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



4066440



5905920



17220

Complementary

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



4066440



5670924

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.



16899



4066440



2897152

Square

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



4066440



7995392



15872



17529

Rectangle

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



4066440



8847411



15872



17200

Sweetspot

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



4066440



9732272



808584



4734297



14277081



5855577

Same Dimension

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



4066440



4653232



8129672



4275781



3473541



131077

Inverse Universe

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



8916054



11534441



1607692



4537922



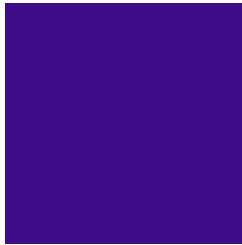
8716367



327683

Previews

White Background



This preview shows how the Decimal color 4066440 looks on a white background.

Color Contrast Check

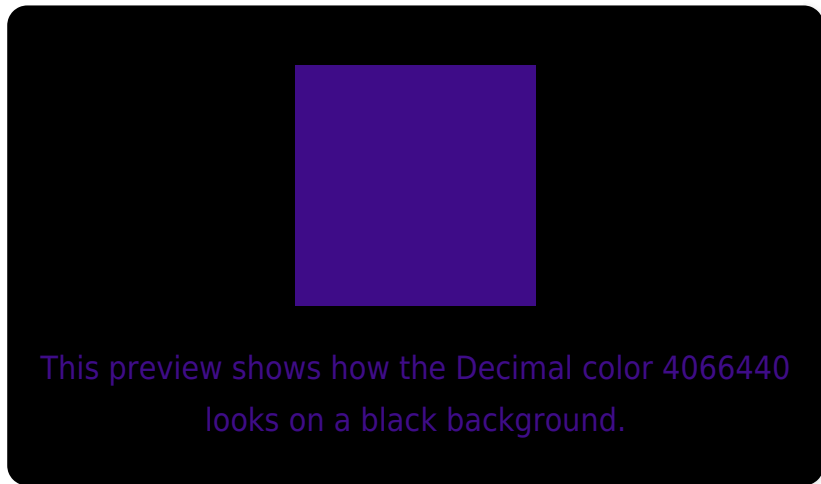
Large Text (above 18pt) WCAG AA ✓ Pass

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

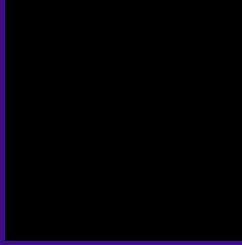
Any Text WCAG AA × Fail

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 4066440 Background



This preview shows how black text looks on a background with the Decimal color 4066440.



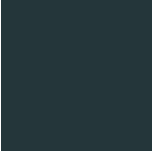
This preview shows how white text looks on a background with the Decimal color 4066440.

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
2373178

Trichromacy



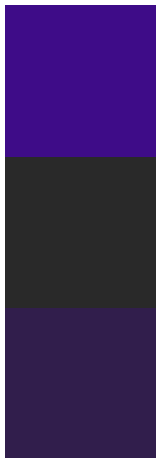
Original Color
4066440

Protanomaly
1516659

Deuteranomaly
1516905

Tritanomaly
2959190

Monochromacy



Original Color
4066440

Achromatopsia
2697513

Achromatomaly
3219020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4066440 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 #3E0C88 looks like.

```
.text, #text, p{  
    color:#3E0C88  
}
```

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 #3E0C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E0C88
}
```

Border

The CSS property to change the border of an element to Decimal 4066440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

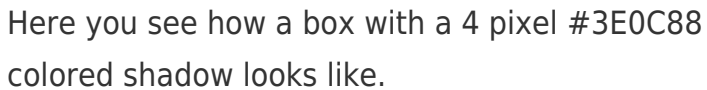
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E0C88 }
```

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

```
.border{ border-color:#3E0C88 }
```

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



Here you see how a box with a 4 pixel #3E0C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E0C88; -webkit-box-shadow:4px 4px  
4px 4px #3E0C88; box-shadow:4px 4px 4px  
4px #3E0C88 }
```

Background

The CSS property to change the background color of an element to Decimal 4066440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E0C88 }
```

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

```
.background{ background-color:#3E0C88 }
```

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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