

Converting Colors

Decimal(4018555)

Have a look what the booklet for
Decimal(4018555) contains.

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Color

Decimal(4018555)

Conversions

Conversions Part 1

Format	Color
Hex	3D517B
RGB	61, 81, 123
RGB Percent	24%, 32%, 48%
CMY	0.7608, 0.6824, 0.5176
CMYK	0.50, 0.34, 0.00, 0.52
HSL	221°, 34%, 36%
HSV	221°, 50%, 48%
XYZ	8.4420, 8.3070, 19.8974
YIQ	79.8080, -25.4020, 8.8220

Conversions

Conversions Part 2

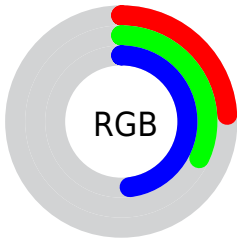
Format	Color
RYB	61, 76, 123
Decimal	4018555
CIELab	34.61, 4.92, -26.23
CIELCh	35, 26.686, 280.627
Yxy	8.3070, 0.2304, 0.2267
Android (android.graphics.Color)	4282208635 (0xFF3D517B)
YUV	79.8080, 21.2937, -16.4946
Hunter-Lab	28.8219, 1.8450, -20.7559

Details

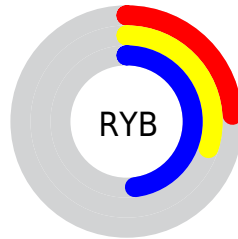
The Decimal color **4018555** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8087357**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **7373488**, and **337226** is the 20% darker color. If you saturate the color by 10%, you get **3230075**, and if you desaturate by 10%, it is **4807035**.

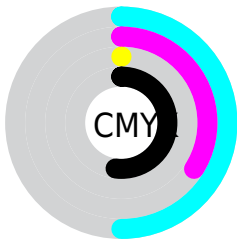
Distribution



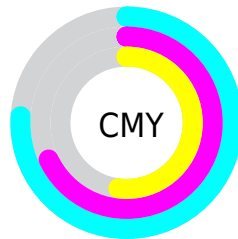
- Red (24%)
- Green (32%)
- Blue (48%)



- Red (24%)
- Yellow (30%)
- Blue (48%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4018555 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 4018555 by changing the saturation by 10% instead.



4018555



4018555

16777215



2308706



7373488



337226



9149643



4147



10926055



542



12702463



0



14610431



16515071



4018555



4018555



3230075



4807035

■ 2375803

■ 5661307

■ 1587323

■ 6449787

■ 798843

■ 7238267

■ 10363

■ 8092539

■ 8881019

■ 9669499

■ 10458235

■ 11312251

Harmonies

Analogous

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



415609



4018555



6113650

Triad

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



4018555



7816247



2317123

Complementary

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



4018555



8087357

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.



4216880



4018555



6966057

Square

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



4018555



8011851



5722919



23641

Rectangle

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



4018555



7095399



5722919



3038012

Sweetspot

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



4018555



9015457



4029286



4409426



13750737



5395026

Same Dimension

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



4018555



4218785



4668795



3619133



10365



20988

Inverse Universe

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



8076625



10567775



7437117



4011833



8192040



16515153

Previews

White Background



This preview shows how the Decimal color 4018555 looks on a white background.

Color Contrast Check

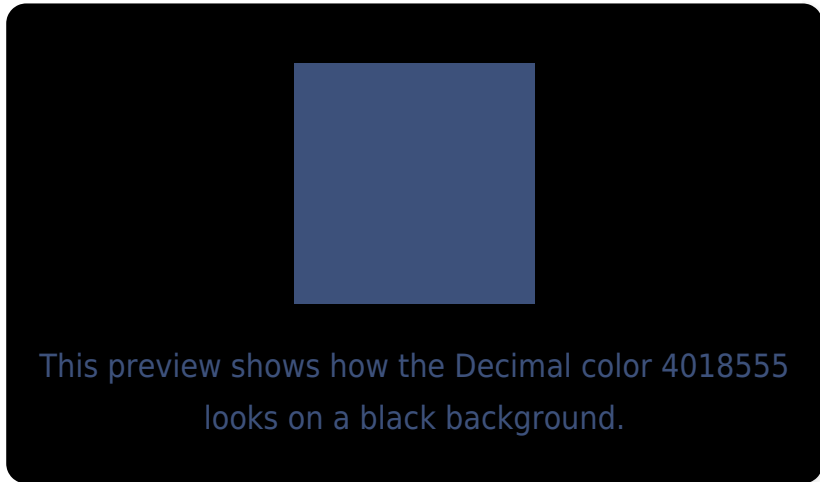
Large Text (above 18pt) WCAG AA ✓ Pass

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 4018555 Background



This preview shows how black text looks on a background with the Decimal color 4018555.



This preview shows how white text looks on a background with the Decimal color 4018555.

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



Original Color

4018555

Protanopia

4411514

Deuteranopia

4018555



Tritanopia
3430238

Trichromacy



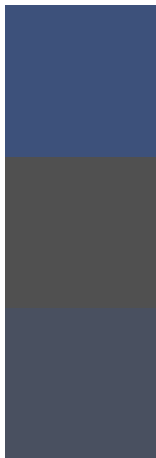
Original Color
4018555

Protanomaly
4280442

Deuteranomaly
4018555

Tritanomaly
3626345

Monochromacy



Original Color
4018555

Achromatopsia
5263440

Achromatomaly
4804704

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4018555 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 #3D517B looks like.

```
.text, #text, p{  
    color:#3D517B  
}
```

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 #3D517B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D517B
}
```

Border

The CSS property to change the border of an element to Decimal 4018555 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
#3D517B }
```

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

```
.border{ border-color:#3D517B }
```

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

Here you see how a box with a 4 pixel #3D517B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D517B; -webkit-box-shadow:4px 4px  
4px 4px #3D517B; box-shadow:4px 4px 4px  
4px #3D517B }
```

Background

The CSS property to change the background color of an element to Decimal 4018555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D517B }
```

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

```
.background{ background-color:#3D517B }
```

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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