

Converting Colors

Decimal(4018795)

Have a look what the booklet for
Decimal(4018795) contains.

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Color

Decimal(4018795)

Conversions

Conversions Part 1

Format	Color
Hex	3D526B
RGB	61, 82, 107
RGB Percent	24%, 32%, 42%
CMY	0.7608, 0.6784, 0.5804
CMYK	0.43, 0.23, 0.00, 0.58
HSL	213°, 27%, 33%
HSV	213°, 43%, 42%
XYZ	7.5956, 8.0882, 15.0708
YIQ	78.5710, -20.5410, 3.3230

Conversions

Conversions Part 2

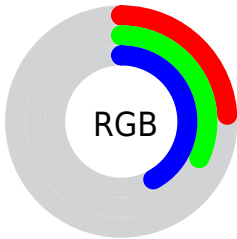
Format	Color
RYB	61, 75, 107
Decimal	4018795
CIELab	34.17, -0.87, -16.96
CIElCh	34, 16.985, 267.077
Yxy	8.0882, 0.2470, 0.2630
Android (android.graphics.Color)	4282208875 (0xFF3D526B)
YUV	78.5710, 14.0155, -15.4098
Hunter-Lab	28.4398, -2.0965, -11.5110

Details

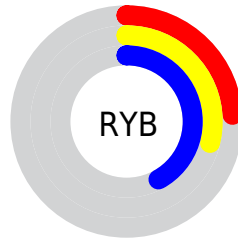
The Decimal color **4018795** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7034429**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **7308190**, and **796220** is the 20% darker color. If you saturate the color by 10%, you get **3296363**, and if you desaturate by 10%, it is **4741227**.

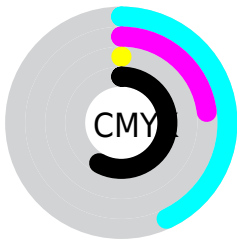
Distribution



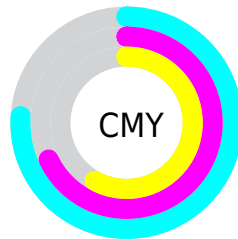
- Red (24%)
- Green (32%)
- Blue (42%)



- Red (24%)
- Yellow (29%)
- Blue (42%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4018795 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 4018795 by changing the saturation by 10% instead.

■ 4018795

■ 4018795

16777215

■ 2440019

■ 7308190

■ 796220

■ 8953273

■ 4134

■ 10729685

■ 272

■ 12571890

■ 0

■ 14414079

■ 16252927

■ 4018795

■ 4018795

■ 3296363

■ 4741227

■ 2639467

■ 5398123

■ 1917291

■ 6120299

■ 1194859

■ 6842731

■ 472427

■ 7565163

■ 12651

■ 8222059

■ 8944491

■ 9666923

■ 10323563

Harmonies

Analogous

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



2905703



4018795



5328232

Triad

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



4018795



7030597



4019777

Complementary

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



4018795



7034429

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.



5067576



4018795



6703674

Square

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



4018795



6964818



5984053



3102798

Rectangle

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



4018795



6048355



5984053



4412734

Sweetspot

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



4018795



8028812



4025174



3948871



13092807



4671303

Same Dimension

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



4018795



4416908



4144491



3158838



13941



28917

Inverse Universe

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



7028050



9192293



6908733



3551283



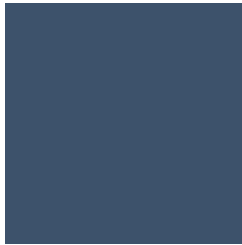
7667766



16056432

Previews

White Background



This preview shows how the Decimal color 4018795 looks on a white background.

Color Contrast Check

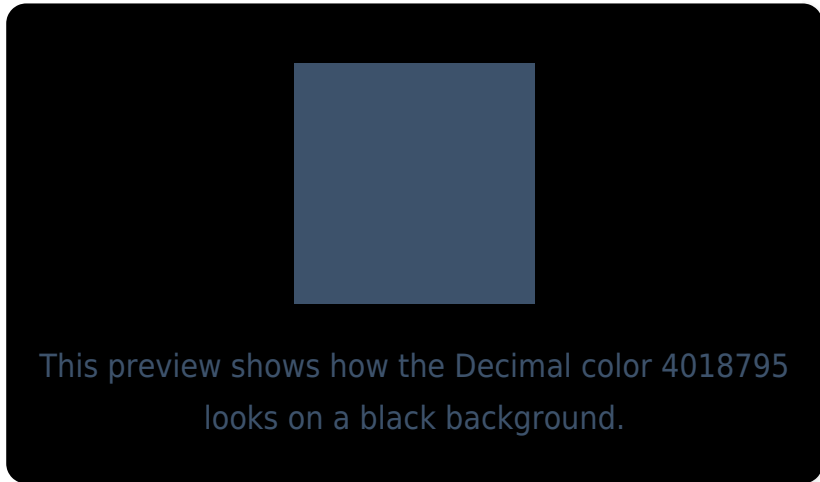
Large Text (above 18pt) WCAG AA ✓ Pass

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

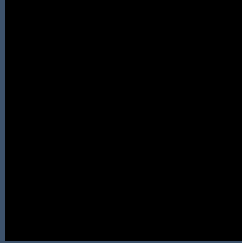
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

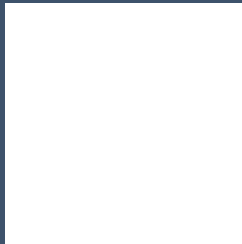
Any Text WCAG AAA × Fail

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

Decimal 4018795 Background



This preview shows how black text looks on a background with the Decimal color 4018795.

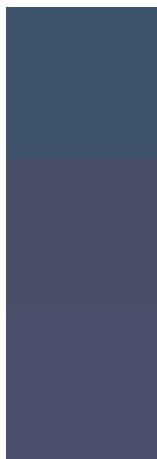


This preview shows how white text looks on a background with the Decimal color 4018795.

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

4018795

Protanopia

4804457

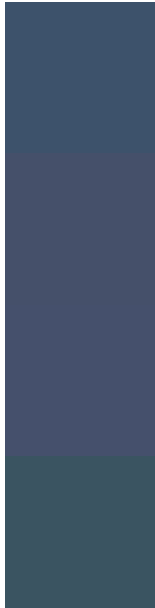
Deuteranopia

4804460



Tritanopia
3757404

Trichromacy



Original Color
4018795

Protanomaly
4542570

Deuteranomaly
4542572

Tritanomaly
3822689

Monochromacy



Original Color
4018795

Achromatopsia
5197647

Achromatomaly
4739161

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4018795 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 #3D526B looks like.

```
.text, #text, p{  
    color:#3D526B  
}
```

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 #3D526B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D526B
}
```

Border

The CSS property to change the border of an element to Decimal 4018795 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
#3D526B }
```

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

```
.border{ border-color:#3D526B }
```

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

Here you see how a box with a 4 pixel #3D526B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D526B; -webkit-box-shadow:4px 4px  
4px 4px #3D526B; box-shadow:4px 4px 4px  
4px #3D526B }
```

Background

The CSS property to change the background color of an element to Decimal 4018795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D526B }
```

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

```
.background{ background-color:#3D526B }
```

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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