

Converting Colors

Decimal(4006215)

Have a look what the booklet for
Decimal(4006215) contains.

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Color

Decimal(4006215)

Conversions

Conversions Part 1

Format	Color
Hex	3D2147
RGB	61, 33, 71
RGB Percent	24%, 13%, 28%
CMY	0.7608, 0.8706, 0.7216
CMYK	0.14, 0.54, 0.00, 0.72
HSL	284°, 37%, 20%
HSV	284°, 54%, 28%
XYZ	3.6057, 2.5347, 6.2605
YIQ	45.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

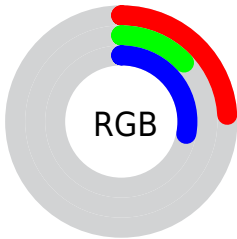
Format	Color
R_{YB}	61, 33, 71
Decimal	4006215
CIE _{Lab}	18.08, 21.13, -18.44
CIE _{LCh}	18, 28.046, 318.882
Yxy	2.5347, 0.2908, 0.2044
Android (android.graphics.Color)	4282196295 (0xFF3D2147)
YUV	45.7040, 12.4709, 13.4146
Hunter-Lab	15.9209, 12.5639, -12.1696

Details

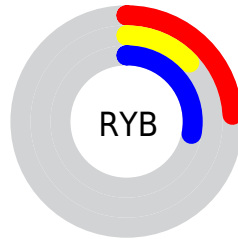
The Decimal color **4006215** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2836257**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **7229048**, and **983068** is the 20% darker color. If you saturate the color by 10%, you get **3873351**, and if you desaturate by 10%, it is **4139079**.

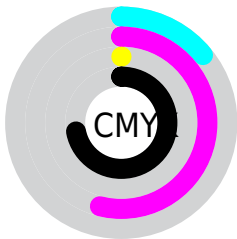
Distribution



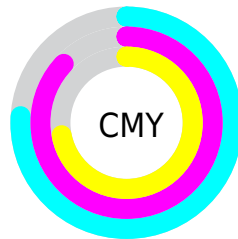
- Red (24%)
- Green (13%)
- Blue (28%)



- Red (24%)
- Yellow (13%)
- Blue (28%)



- Cyan (14%)
- Magenta (54%)
- Yellow (0%)
- Black (72%)



- Cyan (76%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4006215 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 4006215 by changing the saturation by 10% instead.

■ 4006215

■ 4006215

16777215

■ 2493488

■ 7229048

■ 983068

■ 8873873

■ 0

■ 10649772

■ 12425927

■ 14267876

■ 16175615

■ 16772607

■ 4006215

■ 4006215

■ 3873351

■ 4139079

■ 3740487

■ 4271943

■ 3607623

■ 4404807

■ 3540295

■ 4472135

■ 3407943

■ 4605255

■ 4738119

■ 4870983

■ 5003847

■ 5136711

Harmonies

Analogous

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



1911379



4006215



5052725

Triad

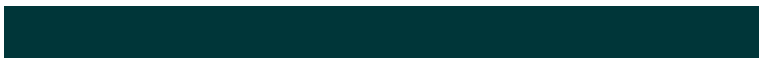
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4006215



4007936



13881

Complementary

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



4006215



2836257

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.



13604



4006215



2830080

Square

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



4006215



4857869



1127184



13386

Rectangle

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



4006215



5249063



1127184



13874

Sweetspot

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



4006215



5786972



2173767



2893102



11382189



3026478

Same Dimension

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



4006215



4989276



4661566



2301988



4784227



10944739

Inverse Universe

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



4661547



6037809



2180906



2367521



6488090



14876732

Previews

White Background



This preview shows how the Decimal color 4006215 looks on a white background.

Color Contrast Check

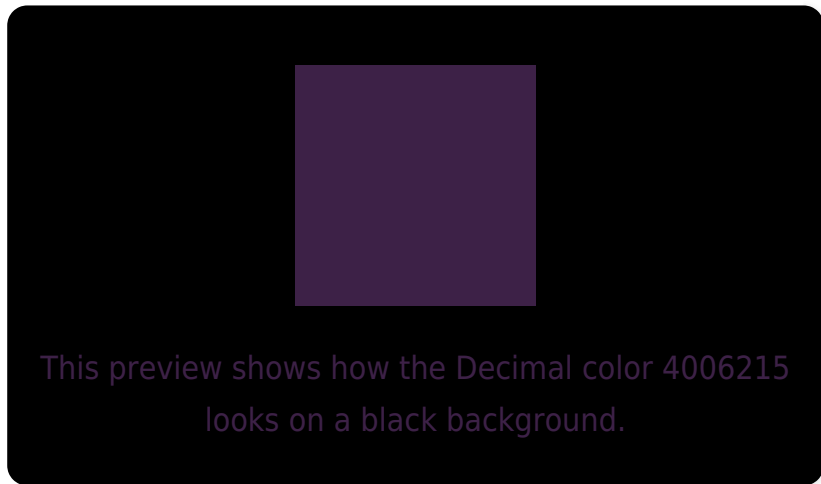
Large Text (above 18pt) WCAG AA ✓ Pass

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

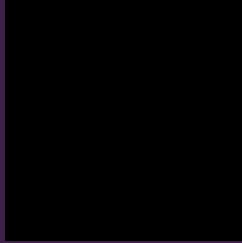
Any Text WCAG AA × Fail

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 4006215 Background



This preview shows how black text looks on a background with the Decimal color 4006215.



This preview shows how white text looks on a background with the Decimal color 4006215.

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](#).

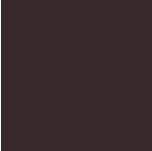
Dichromacy



Original Color
4006215

Protanopia
1780817

Deuteranopia
2174277



Tritanopia
3745835

Trichromacy



Original Color
4006215

Protanomaly
2566221

Deuteranomaly
2828614

Tritanomaly
3810613

Monochromacy



Original Color
4006215

Achromatopsia
3026478

Achromatomaly
3352887

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4006215 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 #3D2147 looks like.

```
.text, #text, p{  
    color:#3D2147  
}
```

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 #3D2147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D2147
}
```

Border

The CSS property to change the border of an element to Decimal 4006215 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
#3D2147 }
```

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

```
.border{ border-color:#3D2147 }
```

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

Here you see how a box with a 4 pixel #3D2147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D2147; -webkit-box-shadow:4px 4px  
4px 4px #3D2147; box-shadow:4px 4px 4px  
4px #3D2147 }
```

Background

The CSS property to change the background color of an element to Decimal 4006215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D2147 }
```

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

```
.background{ background-color:#3D2147 }
```

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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