

Converting Colors

Decimal(406142)

Have a look what the booklet for
Decimal(406142) contains.

Decimal(406142)	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(406142)

Conversions

Conversions Part 1

Format	Color
Hex	06327E
RGB	6, 50, 126
RGB Percent	2%, 20%, 49%
CMY	0.9765, 0.8039, 0.5059
CMYK	0.95, 0.60, 0.00, 0.51
HSL	218°, 91%, 26%
HSV	218°, 95%, 49%
XYZ	4.9816, 3.8263, 20.2147
YIQ	45.5080, -50.6200, 14.3080

Conversions

Conversions Part 2

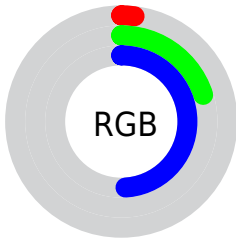
Format	Color
RYB	6, 38, 126
Decimal	406142
CIELab	23.09, 18.63, -46.70
CIELCh	23, 50.280, 291.750
Yxy	3.8263, 0.1716, 0.1318
Android (android.graphics.Color)	4278596222 (0xFF06327E)
YUV	45.5080, 39.6826, -34.6485
Hunter-Lab	19.5609, 11.2274, -47.5790

Details

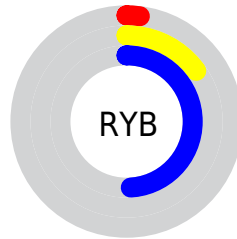
The Decimal color **406142** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8278534**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **5202099**, and **1612** is the 20% darker color. If you saturate the color by 10%, you get **11902**, and if you desaturate by 10%, it is **1260158**.

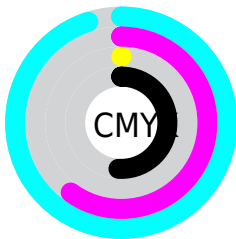
Distribution



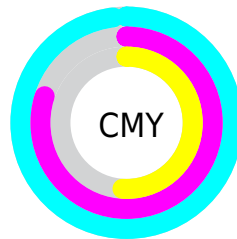
- Red (2%)
- Green (20%)
- Blue (49%)



- Red (2%)
- Yellow (15%)
- Blue (49%)



- Cyan (95%)
- Magenta (60%)
- Yellow (0%)
- Black (51%)

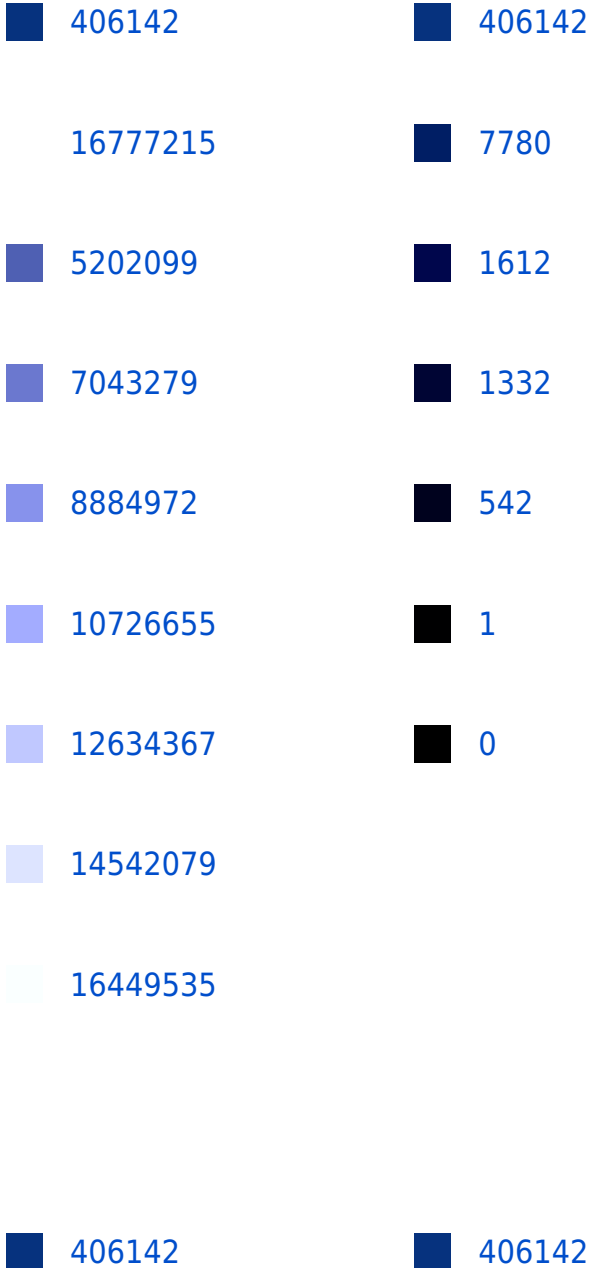


- Cyan (98%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 406142 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 406142 by changing the saturation by 10% instead.



■ 11902

■ 1260158

■ 2048638

■ 2902654

■ 3691134

■ 4545150

■ 5399166

■ 6187646

■ 7041662

■ 7830142

Harmonies

Analogous

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



16259



406142



5774182

Triad

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



406142



6823424



17963

Complementary

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



406142



8278534

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.



17152



406142



5059072

Square

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



406142



7667742



2833664



18002

Rectangle

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



406142



7078479



2833664



17694

Sweetspot

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



406142



7636387



425554



3489874



13750737



5395026

Same Dimension

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



406142



15523



1443454



3750976



12160



0

Inverse Universe

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



8259122



10682428



7241222



4208956



8388655



0

Previews

White Background



This preview shows how the Decimal color 406142 looks on a white background.

Color Contrast Check

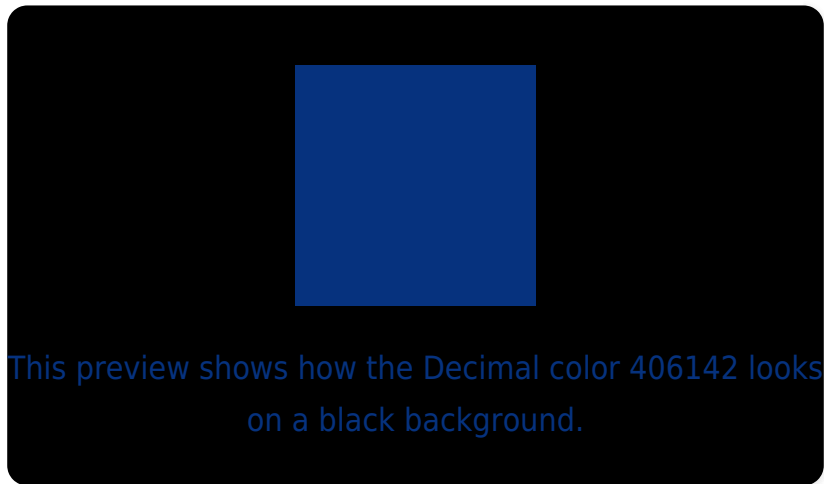
Large Text (above 18pt) WCAG AA ✓ Pass

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

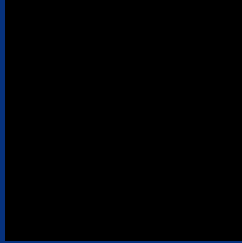
Any Text WCAG AA × Fail

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 406142 Background



This preview shows how black text looks on a background with the Decimal color 406142.



This preview shows how white text looks on a background with the Decimal color 406142.

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
406142

Protanopia
13937

Deuteranopia
14689



Tritanopia
15937

Trichromacy



Original Color

406142

Protanomaly

144758

Deuteranomaly

145004

Tritanomaly

146007

Monochromacy



Original Color

406142

Achromatopsia

3026478

Achromatomaly

2043723

CSS Examples

Text

The CSS property to change the color of the text to Decimal 406142 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 #06327E looks like.

```
.text, #text, p{  
    color:#06327E  
}
```

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 #06327E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06327E
}
```

Border

The CSS property to change the border of an element to Decimal 406142 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
#06327E }
```

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

```
.border{ border-color:#06327E }
```

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

Here you see how a box with a 4 pixel #06327E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06327E; -webkit-box-shadow:4px 4px  
4px 4px #06327E; box-shadow:4px 4px 4px  
4px #06327E }
```

Background

The CSS property to change the background color of an element to Decimal 406142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06327E }
```

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

```
.background{ background-color:#06327E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor