

Converting Colors

Decimal(13160)

Have a look what the booklet for
Decimal(13160) contains.

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Color

Decimal(13160)

Conversions

Conversions Part 1

Format	Color
Hex	003368
RGB	0, 51, 104
RGB Percent	0%, 20%, 41%
CMY	1.0000, 0.8000, 0.5922
CMYK	1.00, 0.51, 0.00, 0.59
HSL	211°, 100%, 20%
HSV	211°, 100%, 41%
XYZ	3.6825, 3.3671, 13.5525
YIQ	41.7930, -47.4090, 5.6710

Conversions

Conversions Part 2

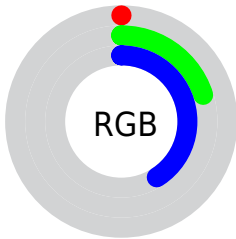
Format	Color
RYB	0, 34, 104
Decimal	13160
CIELab	21.46, 7.73, -35.28
CIELCh	21, 36.113, 282.363
Yxy	3.3671, 0.1787, 0.1634
Android (android.graphics.Color)	4278203240 (0xFF003368)
YUV	41.7930, 30.6681, -36.6525
Hunter-Lab	18.3497, 3.7102, -30.9449

Details

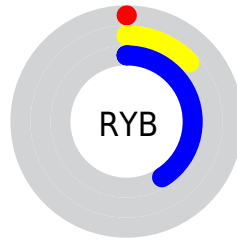
The Decimal color **13160** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6829312**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4546972**, and **1080** is the 20% darker color. If you saturate the color by 10%, you get **13160**, and if you desaturate by 10%, it is **669800**.

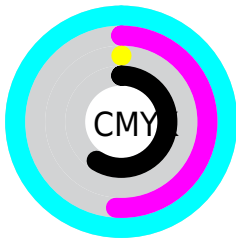
Distribution



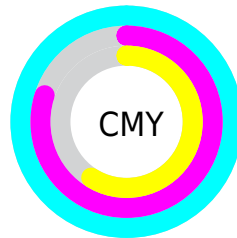
- Red (0%)
- Green (20%)
- Blue (41%)



- Red (0%)
- Yellow (13%)
- Blue (41%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (80%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13160 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 13160 by changing the saturation by 10% instead.

■ 13160 ■ 13160

16777215 ■ 7760

■ 4546972 ■ 1080

■ 6322615 ■ 546

■ 8098771 ■ 8

■ 9875183 ■ 0

■ 11717119

■ 13624831

■ 15532031

■ 13160

■ 669800

■ 1392232

■ 2048872

■ 2771048

■ 3427944

■ 4084584

■ 4806760

■ 5463400

■ 6185832

Harmonies

Analogous

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



15206



13160



4335451

Triad

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



13160



6037520



15906

Complementary

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



13160



6829312

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.



1457158



13160



5057536

Square

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



13160



6428202



3552768



16446

Rectangle

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



13160



5578317



3552768



15897

Sweetspot

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



13160



6255239



26676



2897989



12895428



4539717

Same Dimension

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



13160



17031



104



3026995



14451



30706

Inverse Universe

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



6815795



8847426



6842368



3354160



7536696



15859831

Previews

White Background



This preview shows how the Decimal color 13160 looks on a white background.

Color Contrast Check

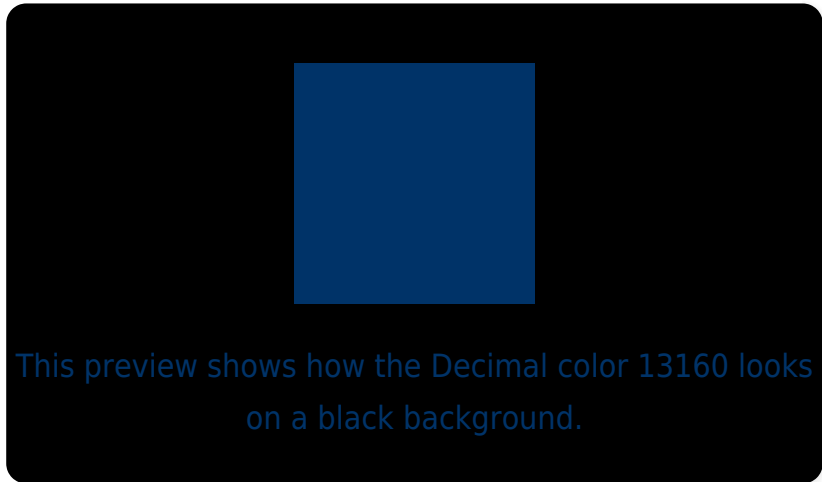
Large Text (above 18pt) WCAG AA ✓ Pass

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 13160 Background



This preview shows how black text looks on a background with the Decimal color 13160.



This preview shows how white text looks on a background with the Decimal color 13160.

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


13160

Protanopia

1192551

Deuteranopia

13661



Tritanopia
14910

Trichromacy



Original Color
13160

Protanomaly
733799

Deuteranomaly
13409

Tritanomaly
14157

Monochromacy



Original Color
13160

Achromatopsia
2763306

Achromatomaly
1781057

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13160 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 #003368 looks like.

```
.text, #text, p{  
    color:#003368  
}
```

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 #003368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003368
}
```

Border

The CSS property to change the border of an element to Decimal 13160 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
#003368 }
```

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

```
.border{ border-color:#003368 }
```

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

Here you see how a box with a 4 pixel #003368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003368; -webkit-box-shadow:4px 4px  
4px 4px #003368; box-shadow:4px 4px 4px  
4px #003368 }
```

Background

The CSS property to change the background color of an element to Decimal 13160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003368 }
```

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

```
.background{ background-color:#003368 }
```

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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