

Converting Colors

Decimal(4016520)

Have a look what the booklet for
Decimal(4016520) contains.

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Color

Decimal(4016520)

Conversions

Conversions Part 1

Format	Color
Hex	3D4988
RGB	61, 73, 136
RGB Percent	24%, 29%, 53%
CMY	0.7608, 0.7137, 0.4667
CMYK	0.55, 0.46, 0.00, 0.47
HSL	230°, 38%, 39%
HSV	230°, 55%, 53%
XYZ	8.7509, 7.5348, 24.2857
YIQ	76.5940, -27.3750, 17.0490

Conversions

Conversions Part 2

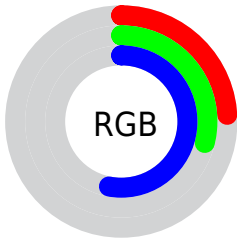
Format	Color
R _Y B	61, 71, 136
Decimal	4016520
CIE Lab	32.99, 14.59, -36.82
CIE LCh	33, 39.603, 291.619
Yxy	7.5348, 0.2157, 0.1857
Android (android.graphics.Color)	4282206600 (0xFF3D4988)
YUV	76.5940, 29.2872, -13.6759
Hunter-Lab	27.4495, 8.8694, -33.2416

Details

The Decimal color **4016520** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8944701**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7502270**, and **7766** is the 20% darker color. If you saturate the color by 10%, you get **3096200**, and if you desaturate by 10%, it is **4936840**.

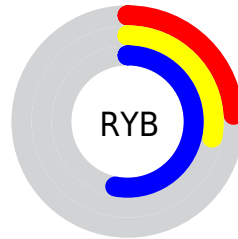
Distribution



Red (24%)

Green (29%)

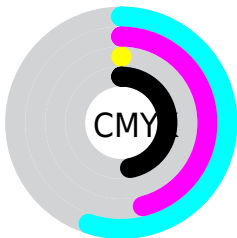
Blue (53%)



Red (24%)

Yellow (28%)

Blue (53%)

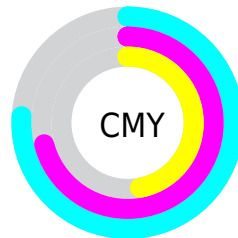


Cyan (55%)

Magenta (46%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (71%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4016520 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 4016520 by changing the saturation by 10% instead.

■ 4016520

■ 4016520

16777215

■ 2175854

■ 7502270

■ 7766

■ 9278426

■ 1342

■ 11120374

■ 807

■ 12962303

■ 273

■ 14804479

■ 0

■ 4016520

■ 4016520

■ 3096200

■ 4936840

■ 2241160

■ 5791880

■ 1320840

■ 6712200

■ 465800

■ 7567240

■ 5768

■ 8487560

■ 9408136

■ 10262920

■ 11183240

■ 12038280

Harmonies

Analogous

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



21644



4016520



7027573

Triad

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



4016520



8076317



23619

Complementary

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



4016520



8944701

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.



2054436



4016520



6637832

Square

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



4016520



8794424



4739851



23652

Rectangle

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



4016520



8139618



4739851



23353

Sweetspot

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



4016520



9607088



4032635



4672089



14277081



5855577

Same Dimension

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



4016520



3952304



5651848



4079429



5509



261

Inverse Universe

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



8928585



11549774



7309373



4537919



8716309



327681

Previews

White Background



This preview shows how the Decimal color 4016520 looks on a white background.

Color Contrast Check

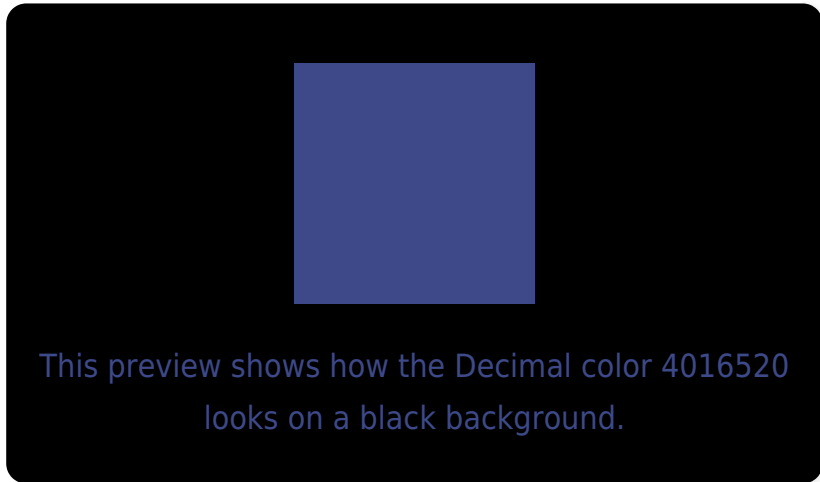
Large Text (above 18pt) WCAG AA ✓ Pass

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

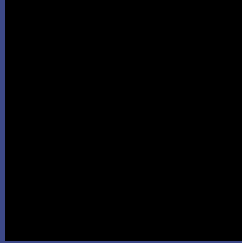
Any Text WCAG AA × Fail

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 4016520 Background



This preview shows how black text looks on a background with the Decimal color 4016520.



This preview shows how white text looks on a background with the Decimal color 4016520.

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
4016520

Protanopia
3165066

Deuteranopia
2051719

Trichromacy



Original Color
4016520

Protanomaly
3492489

Deuteranomaly
2772103

Tritanomaly
3297131

Monochromacy



Original Color
4016520

Achromatopsia
5066061

Achromatomaly
4672610

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4016520 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 #3D4988 looks like.

```
.text, #text, p{  
    color:#3D4988  
}
```

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 #3D4988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4988
}
```

Border

The CSS property to change the border of an element to Decimal 4016520 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
#3D4988 }
```

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

```
.border{ border-color:#3D4988 }
```

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

Here you see how a box with a 4 pixel #3D4988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4988; -webkit-box-shadow:4px 4px  
4px 4px #3D4988; box-shadow:4px 4px 4px  
4px #3D4988 }
```

Background

The CSS property to change the background color of an element to Decimal 4016520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4988 }
```

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

```
.background{ background-color:#3D4988 }
```

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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