

Converting Colors

Decimal(4020340)

Have a look what the booklet for
Decimal(4020340) contains.

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Color

Decimal(4020340)

Conversions

Conversions Part 1

Format	Color
Hex	3D5874
RGB	61, 88, 116
RGB Percent	24%, 35%, 45%
CMY	0.7608, 0.6549, 0.5451
CMYK	0.47, 0.24, 0.00, 0.55
HSL	211°, 31%, 35%
HSV	211°, 47%, 45%
XYZ	8.5666, 9.2325, 17.8535
YIQ	83.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

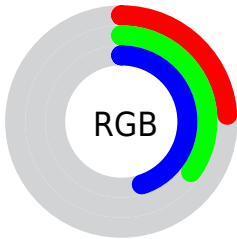
Format	Color
R_{YB}	61, 79, 116
Decimal	4020340
CIE _{Lab}	36.43, -1.81, -19.07
CIE _{LCh}	36, 19.159, 264.593
Yxy	9.2325, 0.2403, 0.2590
Android (android.graphics.Color)	4282210420 (0xFF3D5874)
YUV	83.1190, 16.2103, -19.3984
Hunter-Lab	30.3850, -2.8486, -13.5679

Details

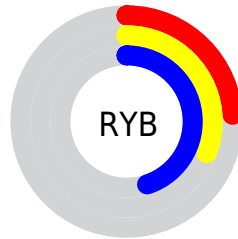
The Decimal color **4020340** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7625021**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **7309992**, and **535364** is the 20% darker color. If you saturate the color by 10%, you get **3232372**, and if you desaturate by 10%, it is **4808308**.

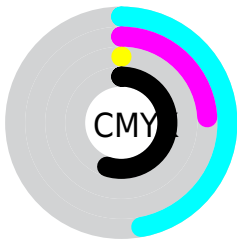
Distribution



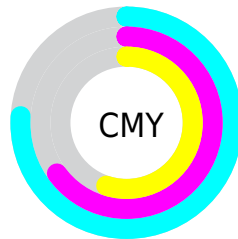
- Red (24%)
- Green (35%)
- Blue (45%)



- Red (24%)
- Yellow (31%)
- Blue (45%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4020340 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 4020340 by changing the saturation by 10% instead.

■ 4020340

■ 4020340

16777215

■ 2376027

■ 7309992

■ 535364

■ 9086147

■ 5933

■ 10862559

■ 281

■ 12639228

■ 0

■ 14481407

■ 16383999

■ 4020340

■ 4020340

■ 3232372

■ 4808308

■ 2509940

■ 5530740

■ 1721972

■ 6318708

■ 999540

■ 7041140

■ 211572

■ 7829108

■ 14708

■ 8616820

■ 9339252

■ 10127220

■ 10849652

Harmonies

Analogous

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



2710638



4020340



5526386

Triad

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



4020340



7621450



4283459

Complementary

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



4020340



7625021

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.



5462329



4020340



7294781

Square

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



4020340



7490137



6509623



3169874

Rectangle

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



4020340



6377324



6509623



4741951

Sweetspot

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



4020340



8490134



4027481



4146765



13421772



5066061

Same Dimension

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



4020340



4287382



4013428



3487803



15482



31738

Inverse Universe

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



7617880



9847147



7631933



3880248



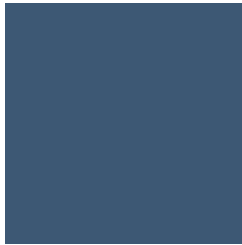
7995452



16384123

Previews

White Background



This preview shows how the Decimal color 4020340 looks on a white background.

Color Contrast Check

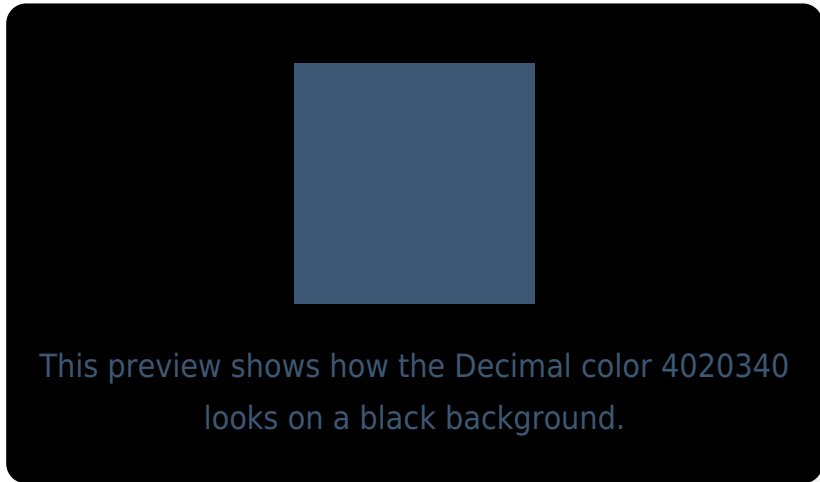
Large Text (above 18pt) WCAG AA ✓ Pass

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

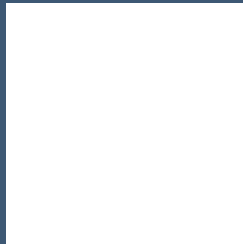
Any Text WCAG AAA × Fail

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

Decimal 4020340 Background



This preview shows how black text looks on a background with the Decimal color 4020340.

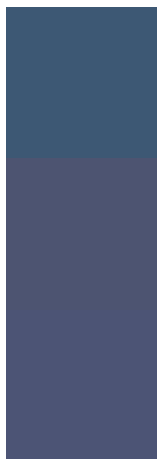


This preview shows how white text looks on a background with the Decimal color 4020340.

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
4020340

Protanopia
5067889

Deuteranopia
5002357

Trichromacy



Original Color
4020340

Protanomaly
4674930

Deuteranomaly
4674933

Tritanomaly
3824233

Monochromacy



Original Color
4020340

Achromatopsia
5460819

Achromatomaly
4937055

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4020340 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 #3D5874 looks like.

```
.text, #text, p{  
    color:#3D5874  
}
```

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 #3D5874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5874
}
```

Border

The CSS property to change the border of an element to Decimal 4020340 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
#3D5874 }
```

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

```
.border{ border-color:#3D5874 }
```

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

Here you see how a box with a 4 pixel #3D5874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5874; -webkit-box-shadow:4px 4px  
4px 4px #3D5874; box-shadow:4px 4px 4px  
4px #3D5874 }
```

Background

The CSS property to change the background color of an element to Decimal 4020340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5874 }
```

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

```
.background{ background-color:#3D5874 }
```

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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