

Converting Colors

Decimal(3366003)

Have a look what the booklet for
Decimal(3366003) contains.

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Color

Decimal(3366003)

Conversions

Conversions Part 1

Format	Color
Hex	335C73
RGB	51, 92, 115
RGB Percent	20%, 36%, 45%
CMY	0.8000, 0.6392, 0.5490
CMYK	0.56, 0.20, 0.00, 0.55
HSL	202°, 39%, 33%
HSV	202°, 56%, 45%
XYZ	8.2869, 9.5959, 17.6351
YIQ	82.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

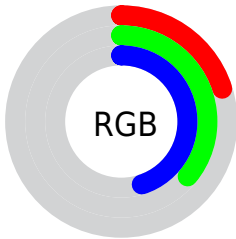
Format	Color
R_{YB}	51, 76, 115
Decimal	3366003
CIE _{Lab}	37.11, -7.20, -17.45
CIE _{LCh}	37, 18.881, 247.587
Yxy	9.5959, 0.2333, 0.2702
Android (android.graphics.Color)	4281556083 (0xFF335C73)
YUV	82.3630, 16.0900, -27.5054
Hunter-Lab	30.9773, -6.4587, -12.0692

Details

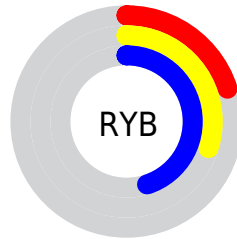
The Decimal color **3366003** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7555635**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **6721191**, and **11843** is the 20% darker color. If you saturate the color by 10%, you get **2644083**, and if you desaturate by 10%, it is **4153459**.

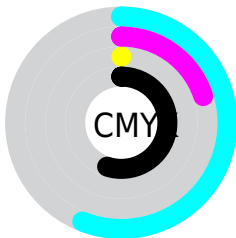
Distribution



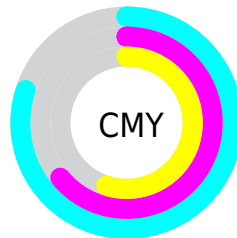
- Red (20%)
- Green (36%)
- Blue (45%)



- Red (20%)
- Yellow (30%)
- Blue (45%)



- Cyan (56%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (80%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3366003 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 3366003 by changing the saturation by 10% instead.

■ 3366003

■ 3366003

16777215

■ 1590362

■ 6721191

■ 11843

■ 8497602

■ 6701

■ 10274014

■ 280

■ 12050683

■ 0

■ 13892863

■ 15794175

■ 3366003

■ 3366003

■ 2644083

■ 4153459

■ 1856627

■ 4875379

■ 1134707

■ 5662835

■ 346995

■ 6385011

■ 19059

■ 7172467

■ 7894387

■ 8681843

■ 9403763

■ 10191219

Harmonies

Analogous

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



2514793



3366003



4806517

Triad

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



3366003



7687252



5069887

Complementary

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



3366003



7555635

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.



6182969



3366003



7622213

Square

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



3366003



7229027



7098940



3956555

Rectangle

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



3366003



5788786



7098940



5462844

Sweetspot

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



3366003



8228246



3371849



4015949



13421772



5066061

Same Dimension

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



3366003



3306134



3358067



3488059



20090



41210

Inverse Universe

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



7549788



9843314



7563571



3880249



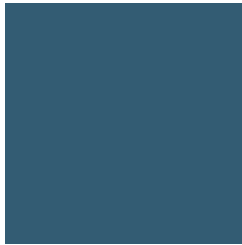
7995470



16384160

Previews

White Background



This preview shows how the Decimal color 3366003 looks on a white background.

Color Contrast Check

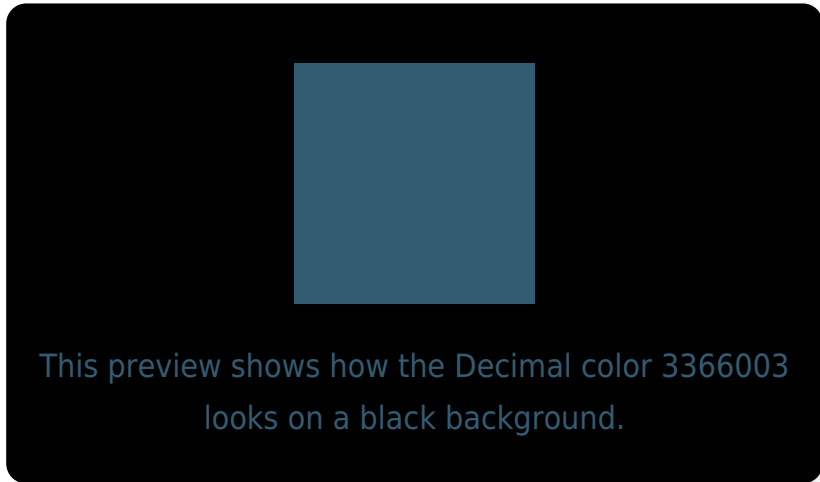
Large Text (above 18pt) WCAG AA ✓ Pass

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

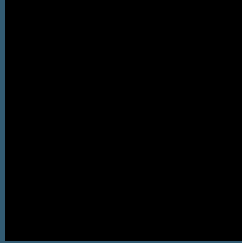
Any Text WCAG AA × Fail

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 3366003 Background



This preview shows how black text looks on a background with the Decimal color 3366003.

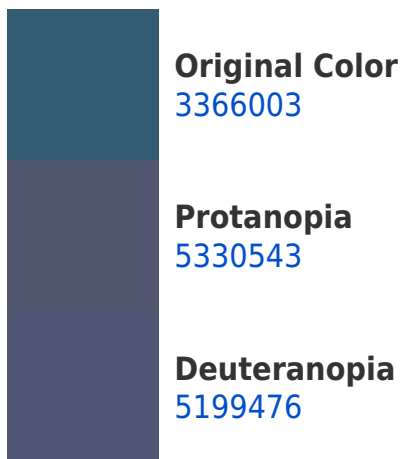


This preview shows how white text looks on a background with the Decimal color 3366003.

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



Trichromacy



Original Color
3366003

Protanomaly
4610160

Deuteranomaly
4544628

Tritanomaly
3169643

Monochromacy



Original Color
3366003

Achromatopsia
5395026

Achromatomaly
4675166

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3366003 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 #335C73 looks like.

```
.text, #text, p{  
    color:#335C73  
}
```

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 #335C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335C73
}
```

Border

The CSS property to change the border of an element to Decimal 3366003 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
#335C73 }
```

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

```
.border{ border-color:#335C73 }
```

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

Here you see how a box with a 4 pixel #335C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335C73; -webkit-box-shadow:4px 4px  
4px 4px #335C73; box-shadow:4px 4px 4px  
4px #335C73 }
```

Background

The CSS property to change the background color of an element to Decimal 3366003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335C73 }
```

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

```
.background{ background-color:#335C73 }
```

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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