

Converting Colors

Decimal(3366521)

Have a look what the booklet for
Decimal(3366521) contains.

| | |
|--|----|
| Decimal(3366521) | 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(3366521)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 335E79 |
| RGB | 51, 94, 121 |
| RGB Percent | 20%, 37%, 47% |
| CMY | 0.8000, 0.6314, 0.5255 |
| CMYK | 0.58, 0.22, 0.00, 0.53 |
| HSL | 203°, 41%, 34% |
| HSV | 203°, 58%, 47% |
| XYZ | 8.8191, 10.0897, 19.5718 |
| YIQ | 84.2210, -34.2950, -0.7190 |

Conversions

Conversions Part 2

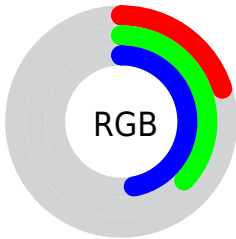
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 51, 78, 121 |
| Decimal | 3366521 |
| CIELab | 38.00, -6.41, -19.76 |
| CIElCh | 38, 20.778, 252.027 |
| Yxy | 10.0897, 0.2292, 0.2622 |
| Android (android.graphics.Color) | 4281556601 (0xFF335E79) |
| YUV | 84.2210, 18.1320, -29.1348 |
| Hunter-Lab | 31.7643, -6.0282, -14.2971 |




Details

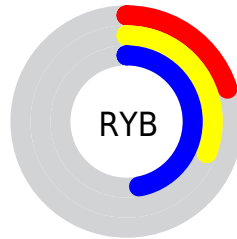
The Decimal color **3366521** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7949875**, and the grayscale version is **5526612**.




A 20% lighter version of the original color is **6787245**, and **12360** is the 20% darker color. If you saturate the color by 10%, you get **2578809**, and if you desaturate by 10%, it is **4154233**.

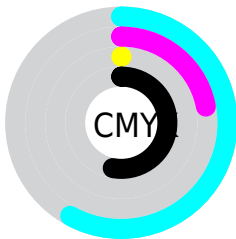
Distribution







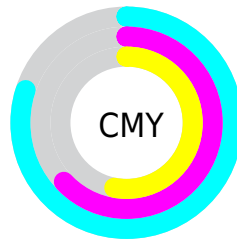
-  Red (20%)
-  Green (37%)
-  Blue (47%)






-  Red (20%)
-  Yellow (31%)
-  Blue (47%)



-  Cyan (58%)
-  Magenta (22%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (80%)
-  Magenta (63%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3366521 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 3366521 by changing the saturation by 10% instead.

■ 3366521

■ 3366521

16777215

■ 1525344

■ 6787245

■ 12360

■ 8563657

■ 6962

■ 10340069

■ 541

■ 12182271

■ 0

■ 14024703

■ 15925247

■ 3366521

■ 3366521

■ 2578809

■ 4154233

■ 1791353

■ 4941689

■ 1003641

■ 5729401

■ 215929

■ 6517113

■ 19065

■ 7304569

■ 8157817

■ 8945529

■ 9732985

■ 10520697

Harmonies

Analogous

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



2122095



3366521



5069178

Triad

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



3366521



8080723



5005120

Complementary

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



3366521



7949875

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.



6183736



3366521



7884868

Square

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



3366521



7622244



7230778



3629647

Rectangle

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



3366521



6116726



7230778



5398077

Sweetspot

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



3366521



8623262



3373390



4147535



13619151



5197647

Same Dimension

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



3366521



3241118



3357561



3619645



19837



39932

Inverse Universe

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



7943006



10367348



7958835



4011835



8192077



16515227

Previews

White Background



This preview shows how the Decimal color 3366521 looks on a white background.

Color Contrast Check

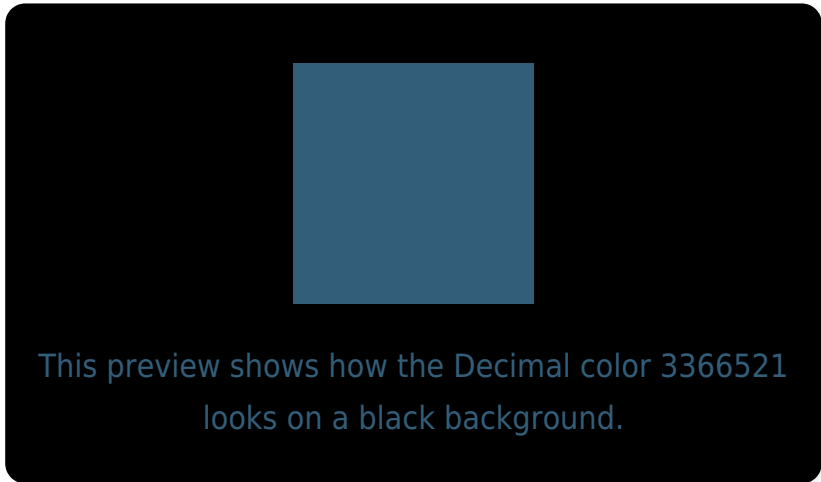
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

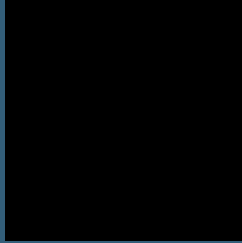
Any Text WCAG AA × Fail

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 3366521 Background



This preview shows how black text looks on a background with the Decimal color 3366521.

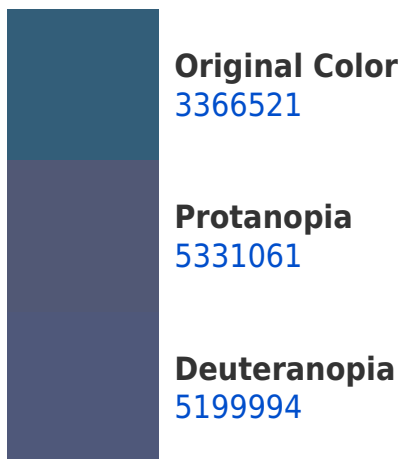


This preview shows how white text looks on a background with the Decimal color 3366521.

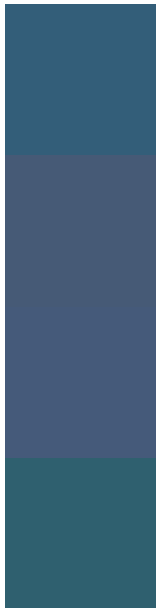
Color Blindness Simulation

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
3366521

Protanomaly
4610678

Deuteranomaly
4545146

Tritanomaly
3104879

Monochromacy



Original Color
3366521

Achromatopsia
5526612

Achromatomaly
4741217

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3366521 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 #335E79 looks like.

```
.text, #text, p{  
    color:#335E79  
}
```

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 #335E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335E79
}
```

Border

The CSS property to change the border of an element to Decimal 3366521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

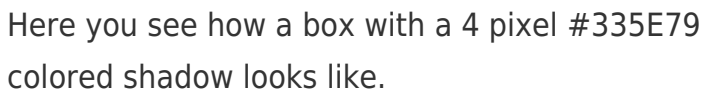
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#335E79 }
```

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

```
.border{ border-color:#335E79 }
```

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



Here you see how a box with a 4 pixel #335E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335E79; -webkit-box-shadow:4px 4px  
4px 4px #335E79; box-shadow:4px 4px 4px  
4px #335E79 }
```

Background

The CSS property to change the background color of an element to Decimal 3366521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335E79 }
```

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

```
.background{ background-color:#335E79 }
```

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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