

Converting Colors

Decimal(3361189)

Have a look what the booklet for
Decimal(3361189) contains.

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Color

Decimal(3361189)

Conversions

Conversions Part 1

Format	Color
Hex	3349A5
RGB	51, 73, 165
RGB Percent	20%, 29%, 65%
CMY	0.8000, 0.7137, 0.3529
CMYK	0.69, 0.56, 0.00, 0.35
HSL	228°, 53%, 42%
HSV	228°, 69%, 65%
XYZ	10.5393, 8.1855, 36.6218
YIQ	76.9100, -42.6440, 23.9480

Conversions

Conversions Part 2

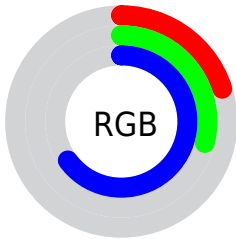
Format	Color
R_{YB}	51, 69, 165
Decimal	3361189
CIE _{Lab}	34.37, 23.12, -52.25
CIE _{LCh}	34, 57.135, 293.865
Yxy	8.1855, 0.1904, 0.1479
Android (android.graphics.Color)	4281551269 (0xFF3349A5)
YUV	76.9100, 43.4284, -22.7231
Hunter-Lab	28.6103, 15.6868, -55.8652

Details

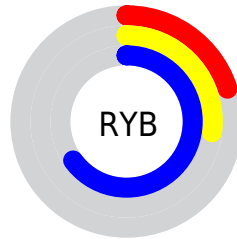
The Decimal color **3361189** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10850099**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7305693**, and **7792** is the 20% darker color. If you saturate the color by 10%, you get **2309285**, and if you desaturate by 10%, it is **4413093**.

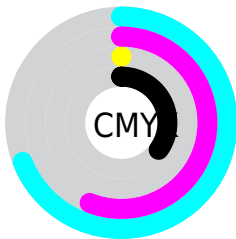
Distribution



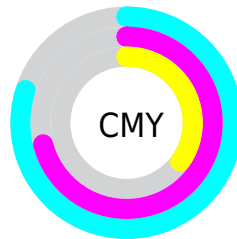
- Red (20%)
- Green (29%)
- Blue (65%)



- Red (20%)
- Yellow (27%)
- Blue (65%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3361189 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 3361189 by changing the saturation by 10% instead.

■ 3361189

■ 3361189

16777215

■ 275338

■ 7305693

■ 7792

■ 9212922

■ 2391

■ 11054591

■ 1599

■ 12962303

■ 808

■ 14935551

■ 274

■ 0

■ 3361189

■ 3361189

■ 2309285

■ 4413093

■ 1191589

■ 5530789

■ 74149

■ 6648229

■ 8357

■ 7700133

■ 8752293

■ 9869733

■ 10921637

■ 12039333

■ 13091237

Harmonies

Analogous

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



23212



3361189



8204423

Triad

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



3361189



9123584



25670

Complementary

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



3361189



10850099

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.



24596



3361189



7031808

Square

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



3361189



10296111



4217088



25717

Rectangle

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



3361189



9706603



4217088



25398

Sweetspot

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



3361189



11121366



3384718



5264747



15461355



7039851

Same Dimension

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



3361189



2377686



5583781



4803410



7313



786

Inverse Universe

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



10826569



14033991



8627507



5392715



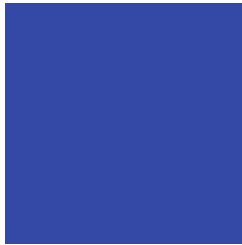
9502748



1179651

Previews

White Background



This preview shows how the Decimal color 3361189 looks on a white background.

Color Contrast Check

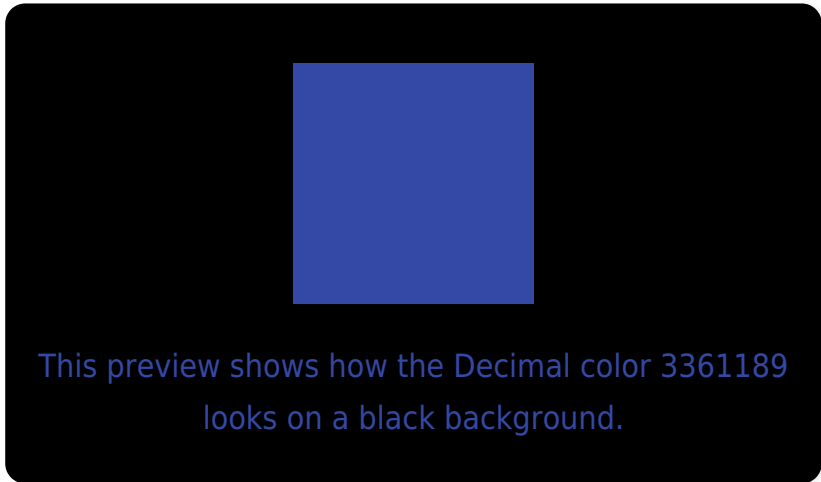
Large Text (above 18pt) WCAG AA ✓ Pass

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 3361189 Background



This preview shows how black text looks on a background with the Decimal color 3361189.

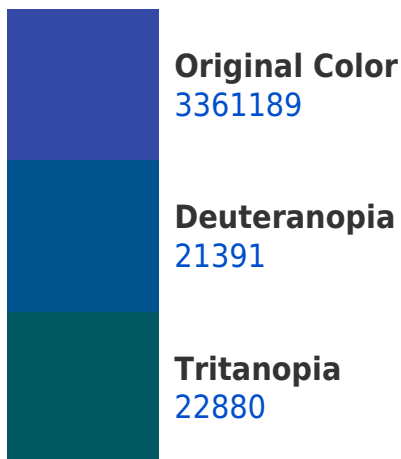


This preview shows how white text looks on a background with the Decimal color 3361189.

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
3361189

Deuteranomaly
1265559

Tritanomaly
1266553

Monochromacy



Original Color
3361189

Achromatopsia
5066061

Achromatomaly
4476013

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3361189 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 #3349A5 looks like.

```
.text, #text, p{  
    color:#3349A5  
}
```

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 #3349A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3349A5
}
```

Border

The CSS property to change the border of an element to Decimal 3361189 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
#3349A5 }
```

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

```
.border{ border-color:#3349A5 }
```

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

Here you see how a box with a 4 pixel #3349A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3349A5; -webkit-box-shadow:4px 4px  
4px 4px #3349A5; box-shadow:4px 4px 4px  
4px #3349A5 }
```

Background

The CSS property to change the background color of an element to Decimal 3361189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3349A5 }
```

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

```
.background{ background-color:#3349A5 }
```

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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