

Converting Colors

Decimal(3355242)

Have a look what the booklet for
Decimal(3355242) contains.

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Color

Decimal(3355242)

Conversions

Conversions Part 1

Format	Color
Hex	33326A
RGB	51, 50, 106
RGB Percent	20%, 20%, 42%
CMY	0.8000, 0.8039, 0.5843
CMYK	0.52, 0.53, 0.00, 0.58
HSL	241°, 36%, 31%
HSV	241°, 53%, 42%
XYZ	5.1074, 4.0256, 14.1435
YIQ	56.6830, -17.3800, 17.6280

Conversions

Conversions Part 2

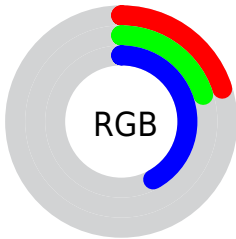
Format	Color
R_{YB}	51, 50, 106
Decimal	3355242
CIE _{Lab}	23.76, 17.32, -32.74
CIE _{LCh}	24, 37.041, 297.872
Yxy	4.0256, 0.2194, 0.1729
Android (android.graphics.Color)	4281545322 (0xFF33326A)
YUV	56.6830, 24.3133, -4.9840
Hunter-Lab	20.0639, 10.3260, -27.7500

Details

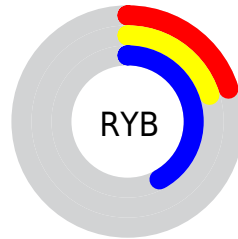
The Decimal color **3355242** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6908466**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **6709406**, and **1338** is the 20% darker color. If you saturate the color by 10%, you get **2697066**, and if you desaturate by 10%, it is **4013418**.

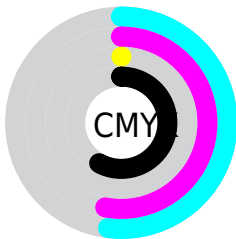
Distribution



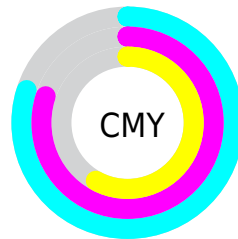
- Red (20%)
- Green (20%)
- Blue (42%)



- Red (20%)
- Yellow (20%)
- Blue (42%)



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3355242 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 3355242 by changing the saturation by 10% instead.

■ 3355242

■ 3355242

16777215

■ 1645905

■ 6709406

■ 1338

■ 8419769

■ 548

■ 10195925

■ 11

■ 11972081

■ 0

■ 13814271

■ 15721983

■ 3355242

■ 3355242

■ 2697066

■ 4013418

■ 1973610

■ 4736874

■ 1315434

■ 5395050

■ 591978

■ 6118506

■ 131178

■ 6776682

■ 7434858

■ 8158314

■ 8816490

■ 9539946

Harmonies

Analogous

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



15728



3355242



5776470

Triad

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



3355242



6040326



17718

Complementary

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



3355242



6908466

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.



17177



3355242



4667136

Square

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



3355242



6823712



2899456



17746

Rectangle

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



3355242



6561093



2899456



17452

Sweetspot

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



3355242



7632010



3303786



3684421



12895428



4539717

Same Dimension

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



3355242



3421066



5190250



3158070



131189



262389

Inverse Universe

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



6959721



9057160



5073458



3551285



7667827



16056560

Previews

White Background



This preview shows how the Decimal color 3355242 looks on a white background.

Color Contrast Check

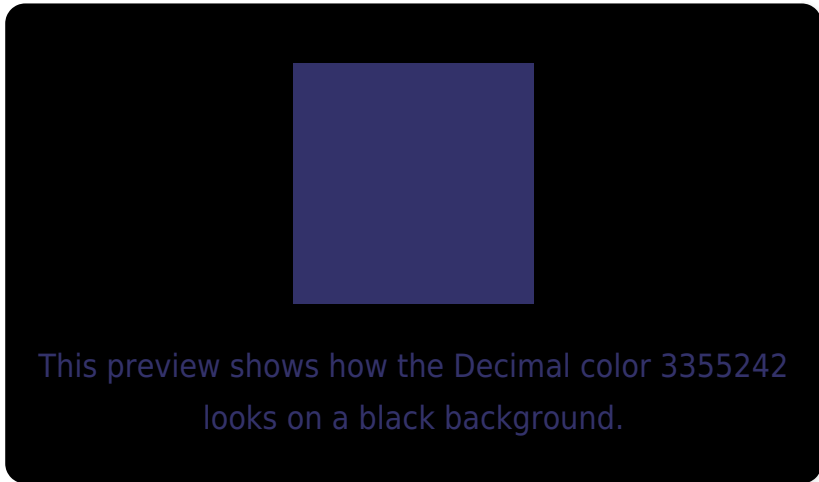
Large Text (above 18pt) WCAG AA ✓ Pass

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

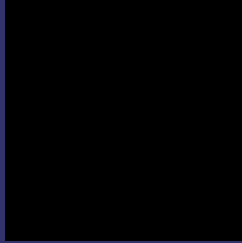
Any Text WCAG AA × Fail

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 3355242 Background



This preview shows how black text looks on a background with the Decimal color 3355242.

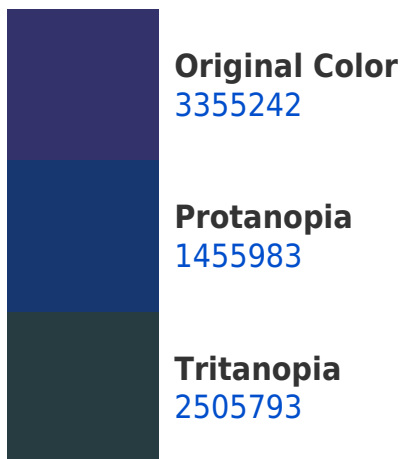


This preview shows how white text looks on a background with the Decimal color 3355242.

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
3355242

Protanomaly
2176365

Tritanomaly
2832464

Monochromacy



Original Color
3355242

Achromatopsia
3750201

Achromatomaly
3618379

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3355242 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 #33326A looks like.

```
.text, #text, p{  
    color:#33326A  
}
```

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 #33326A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33326A
}
```

Border

The CSS property to change the border of an element to Decimal 3355242 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
#33326A }
```

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

```
.border{ border-color:#33326A }
```

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

Here you see how a box with a 4 pixel #33326A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33326A; -webkit-box-shadow:4px 4px  
4px 4px #33326A; box-shadow:4px 4px 4px  
4px #33326A }
```

Background

The CSS property to change the background color of an element to Decimal 3355242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33326A }
```

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

```
.background{ background-color:#33326A }
```

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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