

Converting Colors

Decimal(3298421)

Have a look what the booklet for
Decimal(3298421) contains.

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Color

Decimal(3298421)

Conversions

Conversions Part 1

Format	Color
Hex	325475
RGB	50, 84, 117
RGB Percent	20%, 33%, 46%
CMY	0.8039, 0.6706, 0.5412
CMYK	0.57, 0.28, 0.00, 0.54
HSL	210°, 40%, 33%
HSV	210°, 57%, 46%
XYZ	7.6966, 8.3031, 18.0266
YIQ	77.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

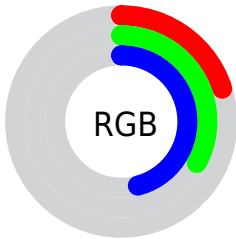
Format	Color
R_{YB}	50, 73, 117
Decimal	3298421
CIE _{Lab}	34.61, -1.81, -22.57
CIE _{LCh}	35, 22.640, 265.404
Yxy	8.3031, 0.2262, 0.2440
Android (android.graphics.Color)	4281488501 (0xFF325475)
YUV	77.5960, 19.4262, -24.2017
Hunter-Lab	28.8151, -2.7486, -16.9210

Details

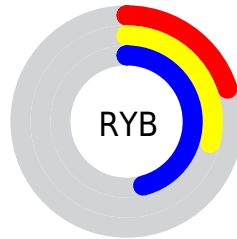
The Decimal color **3298421** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7689010**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **6718889**, and **10053** is the 20% darker color. If you saturate the color by 10%, you get **2510453**, and if you desaturate by 10%, it is **4086389**.

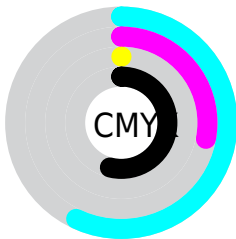
Distribution



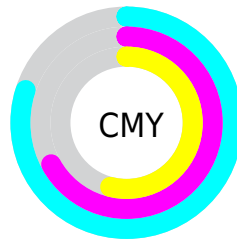
- Red (20%)
- Green (33%)
- Blue (46%)



- Red (20%)
- Yellow (29%)
- Blue (46%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3298421 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 3298421 by changing the saturation by 10% instead.



3298421



3298421

16777215



1457500



6718889



10053



8429509



4910



10205921



281



11982589



0



13890303



15728639



3298421



3298421



2510453



4086389

■ 1788021

■ 4808821

■ 1000309

■ 5596533

■ 212341

■ 6384501

■ 15221

■ 7172469

■ 7894901

■ 8682613

■ 9470581

■ 10193013

Harmonies

Analogous

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



1005679



3298421



5197426

Triad

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



3298421



7619651



3692860

Complementary

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



3298421



7689010

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.



5133616



3298421



7162164

Square

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



3298421



7488597



6311725



2120526

Rectangle

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



3298421



6244715



6311725



4216887

Sweetspot

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



3298421



8359065



3306834



4015437



13421772



5066061

Same Dimension

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



3298421



3106201



3289973



3487803



15994



32762

Inverse Universe

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



7680596



10039141



7697458



3880248



7995454



16384127

Previews

White Background



This preview shows how the Decimal color 3298421 looks on a white background.

Color Contrast Check

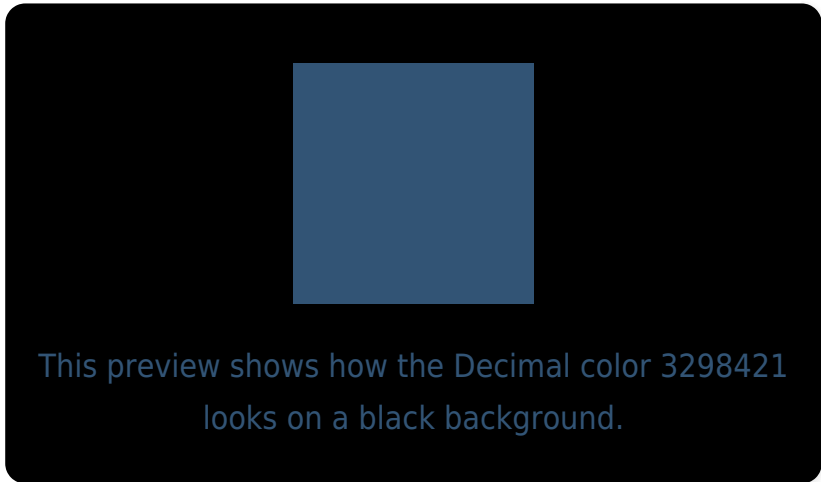
Large Text (above 18pt) WCAG AA ✓ Pass

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

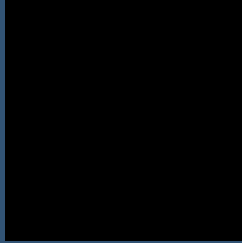
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

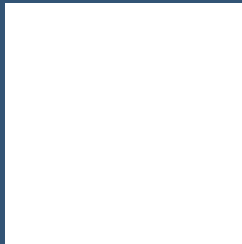
Any Text WCAG AAA × Fail

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

Decimal 3298421 Background



This preview shows how black text looks on a background with the Decimal color 3298421.

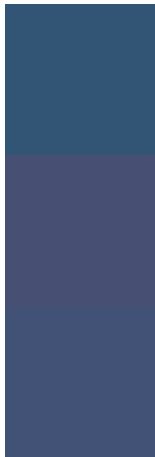


This preview shows how white text looks on a background with the Decimal color 3298421.

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
3298421

Protanopia
4673650

Deuteranopia
4346230



Tritanopia
2709599

Trichromacy



Original Color
3298421

Protanomaly
4149619

Deuteranomaly
3953270

Tritanomaly
2905959

Monochromacy



Original Color
3298421

Achromatopsia
5131854

Achromatomaly
4477020

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3298421 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 #325475 looks like.

```
.text, #text, p{  
    color:#325475  
}
```

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 #325475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325475
}
```

Border

The CSS property to change the border of an element to Decimal 3298421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

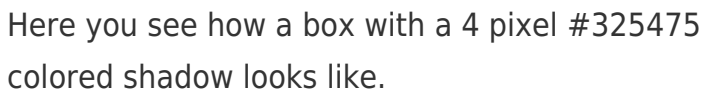
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#325475 }
```

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

```
.border{ border-color:#325475 }
```

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



Here you see how a box with a 4 pixel #325475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325475; -webkit-box-shadow:4px 4px  
4px 4px #325475; box-shadow:4px 4px 4px  
4px #325475 }
```

Background

The CSS property to change the background color of an element to Decimal 3298421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325475 }
```

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

```
.background{ background-color:#325475 }
```

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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