

Converting Colors

Decimal(3362136)

Have a look what the booklet for
Decimal(3362136) contains.

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Color

Decimal(3362136)

Conversions

Conversions Part 1

Format	Color
Hex	334D58
RGB	51, 77, 88
RGB Percent	20%, 30%, 35%
CMY	0.8000, 0.6980, 0.6549
CMYK	0.42, 0.12, 0.00, 0.65
HSL	198°, 27%, 27%
HSV	198°, 42%, 35%
XYZ	5.7806, 6.7161, 10.2242
YIQ	70.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

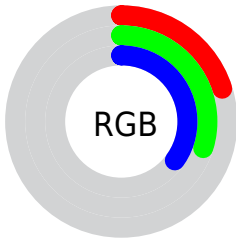
Format	Color
R_{YB}	51, 66, 88
Decimal	3362136
CIE Lab	31.15, -6.61, -9.61
CIE LCh	31, 11.663, 235.469
Yxy	6.7161, 0.2544, 0.2956
Android (android.graphics.Color)	4281552216 (0xFF334D58)
YUV	70.4800, 8.6374, -17.0840
Hunter-Lab	25.9155, -5.5370, -5.2502

Details

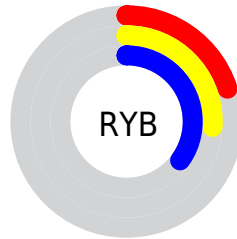
The Decimal color **3362136** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5783091**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **6520458**, and **270635** is the 20% darker color. If you saturate the color by 10%, you get **2771544**, and if you desaturate by 10%, it is **3952728**.

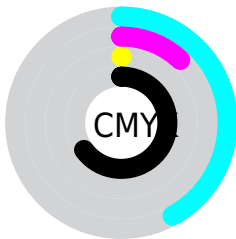
Distribution



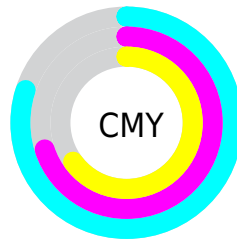
- Red (20%)
- Green (30%)
- Blue (35%)



- Red (20%)
- Yellow (26%)
- Blue (35%)



- Cyan (42%)
- Magenta (12%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3362136 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 3362136 by changing the saturation by 10% instead.

■ 3362136

■ 3362136

16777215

■ 1848897

■ 6520458

■ 270635

■ 8231076

■ 2327

■ 9941951

■ 0

■ 11718363

■ 13560568

■ 15400959

■ 3362136

■ 3362136

■ 2771544

■ 3952728

■ 2181208

■ 4543064

■ 1656152

■ 5068120

■ 1065816

■ 5658456

■ 475224

■ 6249048

■ 15960

■ 6839640

■ 7429976

■ 7955032

■ 8545624

Harmonies

Analogous

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



3165777



3362136



4016987

Triad

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



3362136



5981003



4737849

Complementary

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



3362136



5783091

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.



5392439



3362136



6046530

Square

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



3362136



5522772



5850427



4017471

Rectangle

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



3362136



4540763



5850427



4934200

Sweetspot

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



3362136



6581875



3364925



3225659



12237498



3881787

Same Dimension

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



3362136



3760755



3357528



2566699



19307



42475

Inverse Universe

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



5780301



7551330



5787699



2828074



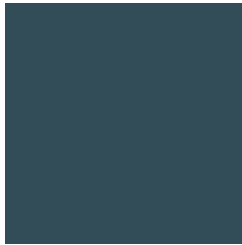
7012427



15401125

Previews

White Background



This preview shows how the Decimal color 3362136 looks on a white background.

Color Contrast Check

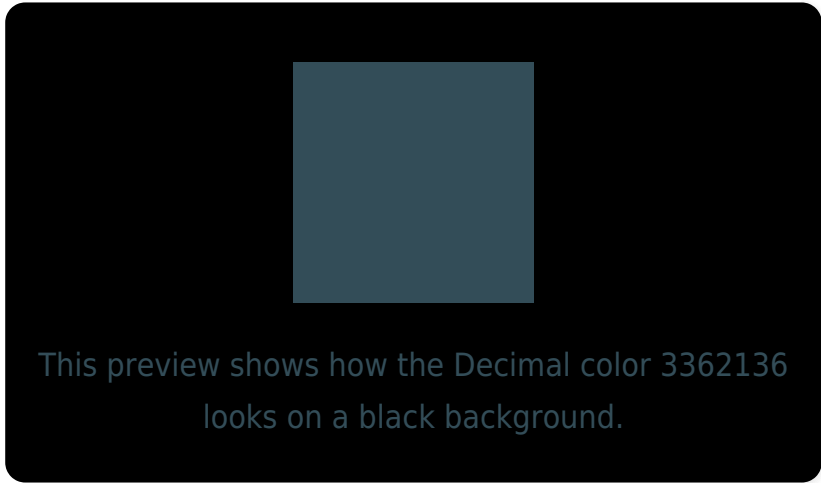
Large Text (above 18pt) WCAG AA ✓ Pass

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

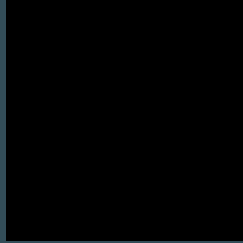
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

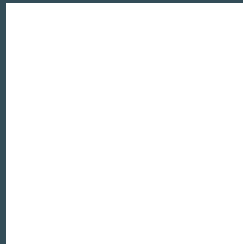
Any Text WCAG AAA × Fail

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

Decimal 3362136 Background



This preview shows how black text looks on a background with the Decimal color 3362136.



This preview shows how white text looks on a background with the Decimal color 3362136.

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

3362136

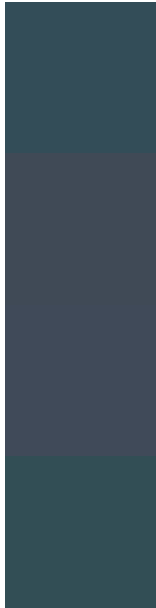
Protanopia

4671573

Deuteranopia

4737113

Trichromacy



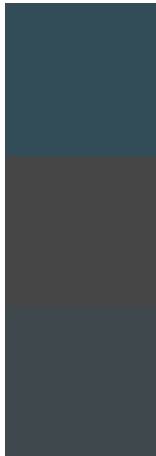
Original Color
3362136

Protanomaly
4213334

Deuteranomaly
4213337

Tritanomaly
3296853

Monochromacy



Original Color
3362136

Achromatopsia
4605510

Achromatomaly
4147533

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3362136 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 #334D58 looks like.

```
.text, #text, p{  
  color:#334D58  
}
```

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 #334D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334D58
}
```

Border

The CSS property to change the border of an element to Decimal 3362136 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".

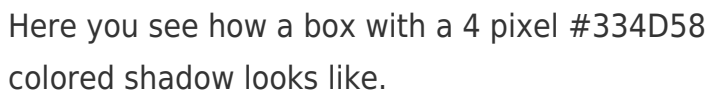
```
.border, #border, table{ border:4px solid
#334D58 }
```

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

```
.border{ border-color:#334D58 }
```

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

Here you see how a box with a 4 pixel #334D58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334D58; -webkit-box-shadow:4px 4px  
4px 4px #334D58; box-shadow:4px 4px 4px  
4px #334D58 }
```

Background

The CSS property to change the background color of an element to Decimal 3362136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334D58 }
```

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

```
.background{ background-color:#334D58 }
```

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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