

Converting Colors

Decimal(5002353)

Have a look what the booklet for
Decimal(5002353) contains.

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Color

Decimal(5002353)

Conversions

Conversions Part 1

Format	Color
Hex	4C5471
RGB	76, 84, 113
RGB Percent	30%, 33%, 44%
CMY	0.7020, 0.6706, 0.5569
CMYK	0.33, 0.26, 0.00, 0.56
HSL	227°, 20%, 37%
HSV	227°, 33%, 44%
XYZ	9.1315, 9.0694, 16.8921
YIQ	84.9140, -14.0770, 7.3230

Conversions

Conversions Part 2

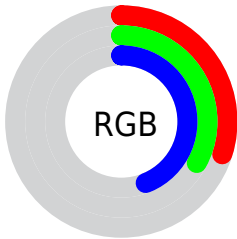
Format	Color
R_{YB}	76, 83, 113
Decimal	5002353
CIE Lab	36.12, 4.36, -17.61
CIE LCh	36, 18.139, 283.896
Yxy	9.0694, 0.2602, 0.2584
Android (android.graphics.Color)	4283192433 (0xFF4C5471)
YUV	84.9140, 13.8464, -7.8176
Hunter-Lab	30.1154, 1.4218, -12.1756

Details

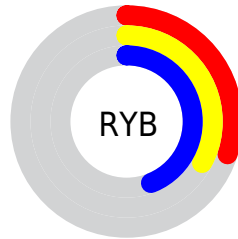
The Decimal color **5002353** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7432524**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8291749**, and **1976129** is the 20% darker color. If you saturate the color by 10%, you get **4279153**, and if you desaturate by 10%, it is **5725553**.

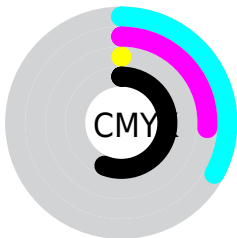
Distribution



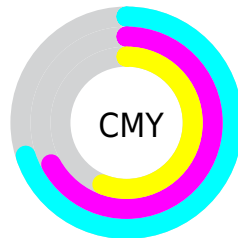
- Red (30%)
- Green (33%)
- Blue (44%)



- Red (30%)
- Yellow (33%)
- Blue (44%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5002353 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 5002353 by changing the saturation by 10% instead.

■ 5002353

■ 5002353

16777215

■ 3423576

■ 8291749

■ 1976129

■ 10002624

■ 463659

■ 11778780

■ 278

■ 13620985

■ 0

■ 15463423

■ 5002353

■ 5002353

■ 4279153

■ 5725553

■ 3490417

■ 6514289

■ 2767217

■ 7237489

■ 2044273

■ 7960433

■ 1321073

■ 8683633

■ 532337

■ 9472369

■ 6257

■ 10195569

■ 10918769

■ 11707505

Harmonies

Analogous

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



3627377



5002353



6246250

Triad

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



5002353



7294273



3628108

Complementary

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



5002353



7432524

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.



4741696



5002353



6705465

Square

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



5002353



7490127



5789241



2710875

Rectangle

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



5002353



6900834



5789241



4021320

Sweetspot

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



5002353



8751252



5009769



4277066



13224393



4868682

Same Dimension

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



5002353



5924756



5655665



3290168



6776



13815

Inverse Universe

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



7425108



9722471



6779212



3682868



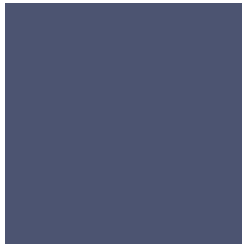
7864346



16187445

Previews

White Background



This preview shows how the Decimal color 5002353 looks on a white background.

Color Contrast Check

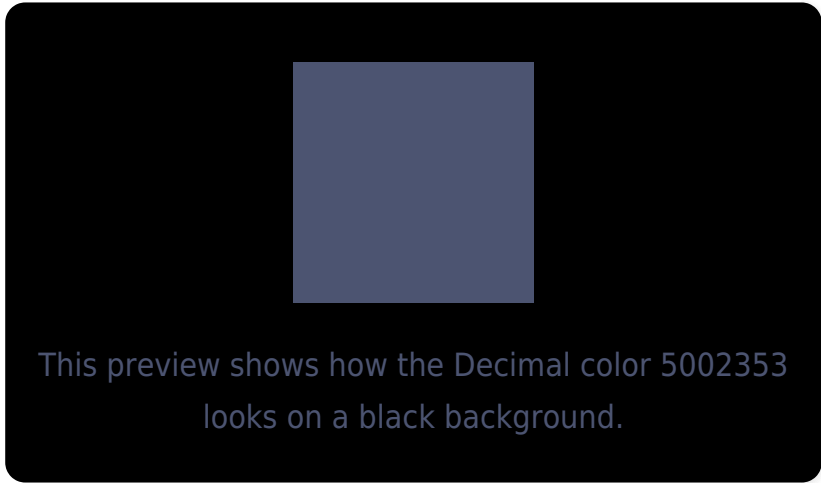
Large Text (above 18pt) WCAG AA ✓ Pass

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

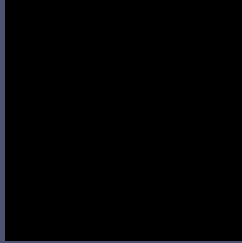
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

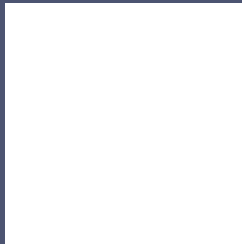
Any Text WCAG AAA × Fail

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

Decimal 5002353 Background



This preview shows how black text looks on a background with the Decimal color 5002353.

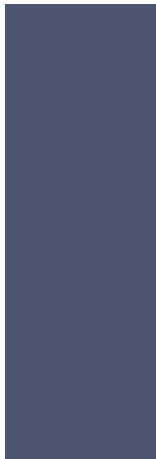


This preview shows how white text looks on a background with the Decimal color 5002353.

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
5002353

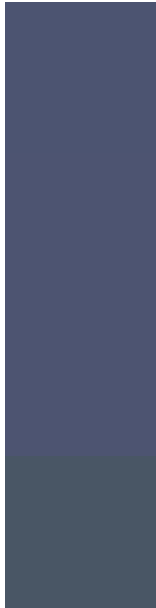
Protanopia
5067889

Deuteranopia
5067889



Tritanopia
4740958

Trichromacy



Original Color
5002353

Protanomaly
5067889

Deuteranomaly
5067889

Tritanomaly
4806245

Monochromacy



Original Color
5002353

Achromatopsia
5592405

Achromatomaly
5395807

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5002353 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 #4C5471 looks like.

```
.text, #text, p{  
    color:#4C5471  
}
```

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 #4C5471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5471
}
```

Border

The CSS property to change the border of an element to Decimal 5002353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

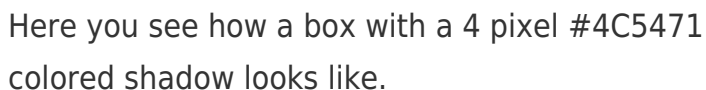
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C5471 }
```

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

```
.border{ border-color:#4C5471 }
```

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



Here you see how a box with a 4 pixel #4C5471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5471; -webkit-box-shadow:4px 4px  
4px 4px #4C5471; box-shadow:4px 4px 4px  
4px #4C5471 }
```

Background

The CSS property to change the background color of an element to Decimal 5002353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5471 }
```

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

```
.background{ background-color:#4C5471 }
```

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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