

Converting Colors

Decimal(2050142)

Have a look what the booklet for
Decimal(2050142) contains.

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Color

Decimal(2050142)

Conversions

Conversions Part 1

Format	Color
Hex	1F485E
RGB	31, 72, 94
RGB Percent	12%, 28%, 37%
CMY	0.8784, 0.7176, 0.6314
CMYK	0.67, 0.23, 0.00, 0.63
HSL	201°, 50%, 25%
HSV	201°, 67%, 37%
XYZ	4.9028, 5.7342, 11.4381
YIQ	62.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

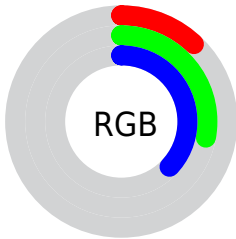
Format	Color
R_{YB}	31, 56, 94
Decimal	2050142
CIE _{Lab}	28.73, -6.68, -17.25
CIE _{LCh}	29, 18.495, 248.816
Yxy	5.7342, 0.2221, 0.2598
Android (android.graphics.Color)	4280240222 (0xFF1F485E)
YUV	62.2490, 15.6532, -27.4054
Hunter-Lab	23.9462, -5.3591, -11.5580




Details

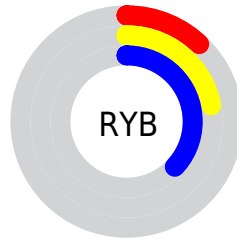
The Decimal color **2050142** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6173983**, and the grayscale version is **4079166**.




A 20% lighter version of the original color is **5404816**, and **7472** is the 20% darker color. If you saturate the color by 10%, you get **1459550**, and if you desaturate by 10%, it is **2640734**.

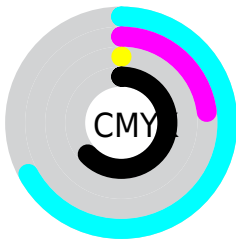
Distribution







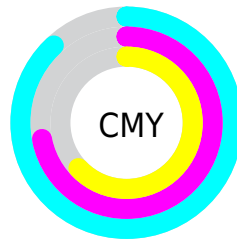
-  Red (12%)
-  Green (28%)
-  Blue (37%)






-  Red (12%)
-  Yellow (22%)
-  Blue (37%)



-  Cyan (67%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (72%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2050142 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 2050142 by changing the saturation by 10% instead.

■ 2050142

■ 2050142

16777215

■ 12870

■ 5404816

■ 7472

■ 7115435

■ 283

■ 8891846

■ 0

■ 10668258

■ 12444927

■ 14352383

■ 16252927

■ 2050142

■ 2050142

■ 1459550

■ 2640734

■ 803166

■ 3297118

■ 212574

■ 3887710

■ 15710

■ 4543838

■ 5134430

■ 5725278

■ 6381406

■ 6971998

■ 7628382

Harmonies

Analogous

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



936789



2050142



3556448

Triad

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



2050142



6306112



3819565

Complementary

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



2050142



6173983

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.



4801575



2050142



6175539

Square

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



2050142



5847630



5652265



2640697

Rectangle

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



2050142



4538461



5652265



4146986

Sweetspot

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



2050142



6451834



2055732



3094589



12434877



4013373

Same Dimension

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



2050142



1595514



2042462



2698286



18286



39661

Inverse Universe

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



6168392



8001624



6181919



3025196



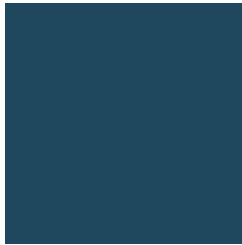
7209031



15532186

Previews

White Background



This preview shows how the Decimal color 2050142 looks on a white background.

Color Contrast Check

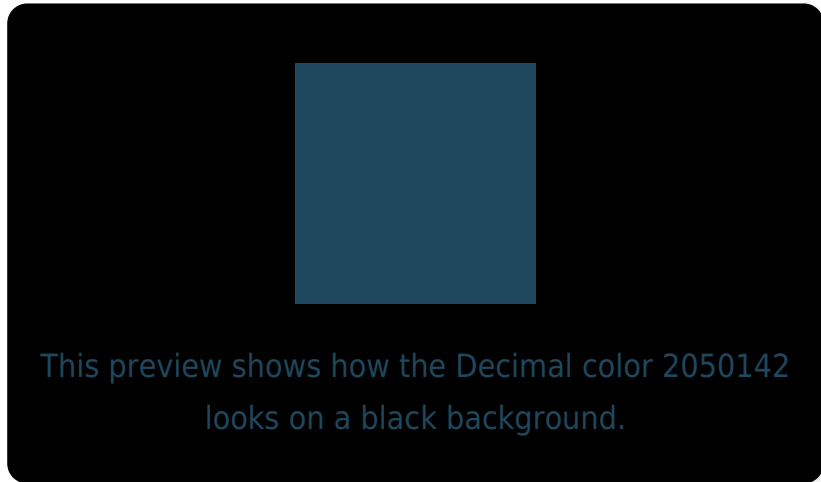
Large Text (above 18pt) WCAG AA ✓ Pass

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

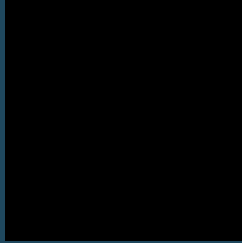
Any Text WCAG AA × Fail

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 2050142 Background



This preview shows how black text looks on a background with the Decimal color 2050142.

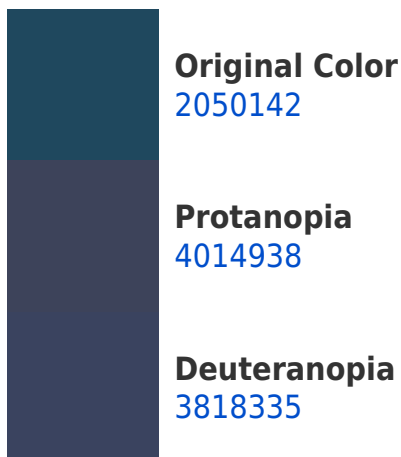


This preview shows how white text looks on a background with the Decimal color 2050142.

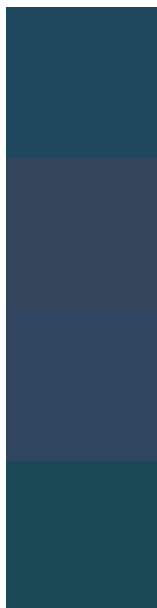
Color Blindness Simulation

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

2050142

Protanomaly

3294555

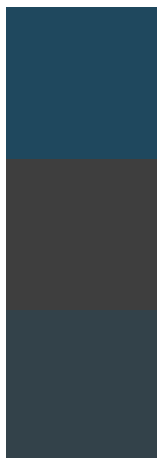
Deuteranomaly

3163487

Tritanomaly

1722709

Monochromacy



Original Color

2050142

Achromatopsia

4079166

Achromatomaly

3359306

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2050142 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 #1F485E looks like.

```
.text, #text, p{  
    color:#1F485E  
}
```

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 #1F485E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F485E
}
```

Border

The CSS property to change the border of an element to Decimal 2050142 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
#1F485E }
```

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

```
.border{ border-color:#1F485E }
```

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

Here you see how a box with a 4 pixel #1F485E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F485E; -webkit-box-shadow:4px 4px  
4px 4px #1F485E; box-shadow:4px 4px 4px  
4px #1F485E }
```

Background

The CSS property to change the background color of an element to Decimal 2050142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F485E }
```

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

```
.background{ background-color:#1F485E }
```

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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