

Converting Colors

Decimal(2178149)

Have a look what the booklet for
Decimal(2178149) contains.

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Color

Decimal(2178149)

Conversions

Conversions Part 1

Format	Color
Hex	213C65
RGB	33, 60, 101
RGB Percent	13%, 24%, 40%
CMY	0.8706, 0.7647, 0.6039
CMYK	0.67, 0.41, 0.00, 0.60
HSL	216°, 51%, 26%
HSV	216°, 67%, 40%
XYZ	4.5920, 4.4946, 12.9374
YIQ	56.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

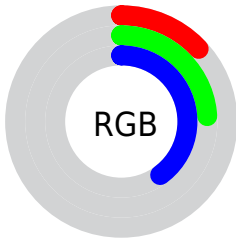
Format	Color
R_{YB}	33, 52, 101
Decimal	2178149
CIE _{Lab}	25.24, 4.33, -27.21
CIE _{LCh}	25, 27.557, 279.045
Yxy	4.4946, 0.2085, 0.2041
Android (android.graphics.Color)	4280368229 (0xFF213C65)
YUV	56.6010, 21.8887, -20.6981
Hunter-Lab	21.2006, 1.5620, -21.3408

Details

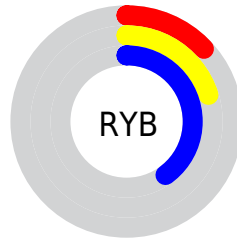
The Decimal color **2178149** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6638113**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **5598104**, and **4662** is the 20% darker color. If you saturate the color by 10%, you get **1521253**, and if you desaturate by 10%, it is **2835045**.

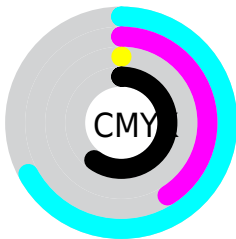
Distribution



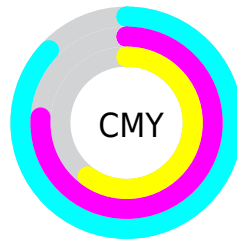
- Red (13%)
- Green (24%)
- Blue (40%)



- Red (13%)
- Yellow (20%)
- Blue (40%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2178149 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 2178149 by changing the saturation by 10% instead.

■ 2178149

■ 2178149

16777215

■ 10061

■ 5598104

■ 4662

■ 7308467

■ 544

■ 9019087

■ 4

■ 10861035

■ 0

■ 12637695

■ 14545407

■ 16449535

■ 2178149

■ 2178149

■ 1521253

■ 2835045

■ 864357

■ 3491941

■ 207461

■ 4148837

■ 10341

■ 4805733

■ 5528165

■ 6185317

■ 6842213

■ 7499109

■ 8156005

Harmonies

Analogous

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



16995



2178149



4535388

Triad

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



2178149



6237731



410924

Complementary

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



2178149



6638113

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.



2834970



2178149



5453076

Square

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



2178149



6433078



4341008



17986

Rectangle

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



2178149



5582418



4341008



1524773

Sweetspot

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



2178149



6845058



2188618



3291458



12763842



4342338

Same Dimension

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



2178149



1655682



2629989



3026995



11891



24818

Inverse Universe

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



6627644



8526147



6186273



3354160



7536686



15859808

Previews

White Background



This preview shows how the Decimal color 2178149 looks on a white background.

Color Contrast Check

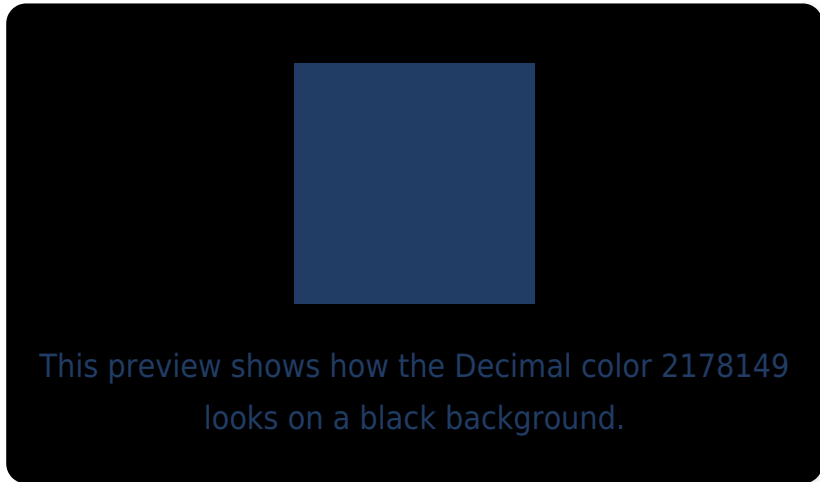
Large Text (above 18pt) WCAG AA ✓ Pass

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 2178149 Background



This preview shows how black text looks on a background with the Decimal color 2178149.



This preview shows how white text looks on a background with the Decimal color 2178149.

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

2178149

Protanopia

2832996

Deuteranopia

2047077



Tritanopia
737864

Trichromacy



Original Color
2178149

Protanomaly
2571108

Deuteranomaly
2112613

Tritanomaly
1261651

Monochromacy



Original Color
2178149

Achromatopsia
3750201

Achromatomaly
3160649

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2178149 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 #213C65 looks like.

```
.text, #text, p{  
    color:#213C65  
}
```

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 #213C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213C65
}
```

Border

The CSS property to change the border of an element to Decimal 2178149 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
#213C65 }
```

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

```
.border{ border-color:#213C65 }
```

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

Here you see how a box with a 4 pixel #213C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213C65; -webkit-box-shadow:4px 4px  
4px 4px #213C65; box-shadow:4px 4px 4px  
4px #213C65 }
```

Background

The CSS property to change the background color of an element to Decimal 2178149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213C65 }
```

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

```
.background{ background-color:#213C65 }
```

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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