

Converting Colors

Decimal(1649005)

Have a look what the booklet for
Decimal(1649005) contains.

Decimal(1649005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(1649005)

Conversions

Conversions Part 1

Format	Color
Hex	19296D
RGB	25, 41, 109
RGB Percent	10%, 16%, 43%
CMY	0.9020, 0.8392, 0.5725
CMYK	0.77, 0.62, 0.00, 0.57
HSL	229°, 63%, 26%
HSV	229°, 77%, 43%
XYZ	3.9542, 2.8967, 14.8187
YIQ	43.9680, -31.3640, 17.7560

Conversions

Conversions Part 2

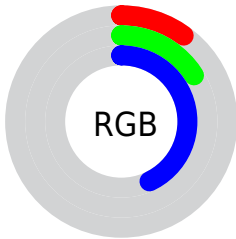
Format	Color
R _Y B	25, 38, 109
Decimal	1649005
CIE Lab	19.63, 19.69, -41.45
CIE LCh	20, 45.893, 295.412
Yxy	2.8967, 0.1825, 0.1337
Android (android.graphics.Color)	4279839085 (0xFF19296D)
YUV	43.9680, 32.0608, -16.6349
Hunter-Lab	17.0196, 11.6864, -39.7091

Details

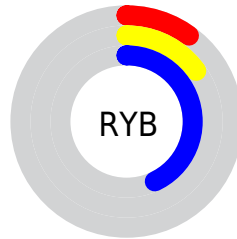
The Decimal color **1649005** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7167257**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **5396129**, and **61** is the 20% darker color. If you saturate the color by 10%, you get **925805**, and if you desaturate by 10%, it is **2372205**.

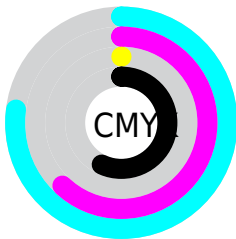
Distribution



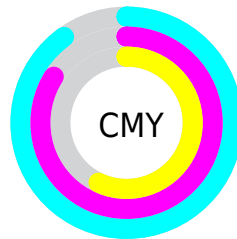
- Red (10%)
- Green (16%)
- Blue (43%)



- Red (10%)
- Yellow (15%)
- Blue (43%)



- Cyan (77%)
- Magenta (62%)
- Yellow (0%)
- Black (57%)



- Cyan (90%)
- Magenta (84%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1649005 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 1649005 by changing the saturation by 10% instead.

■ 1649005

■ 1649005

16777215

■ 5460

■ 5396129

■ 61

■ 7171773

■ 550

■ 8947673

■ 271

■ 10789621

■ 0

■ 12631551

■ 14539007

■ 16446975

■ 1649005

■ 1649005

■ 925805

■ 2372205

■ 202605

■ 3095405

■ 5485

■ 3818349

■ 4541549

■ 5199213

■ 5922413

■ 6645613

■ 7368813

■ 8091757

Harmonies

Analogous

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



13939



1649005



5313366

Triad

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



1649005



5774336



15657

Complementary

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



1649005



7167257

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.



15106



1649005



4205568

Square

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



1649005



6684693



2110976



15692

Rectangle

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



1649005



6357057



2110976



15389

Sweetspot

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



1649005



7238799



1666396



3356487



13092807



4671303

Same Dimension

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



1649005



730255



3283309



3158326



5749



12277

Inverse Universe

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



7149865



9374500



5532953



3551281



7667734



16056367

Previews

White Background



This preview shows how the Decimal color 1649005 looks on a white background.

Color Contrast Check

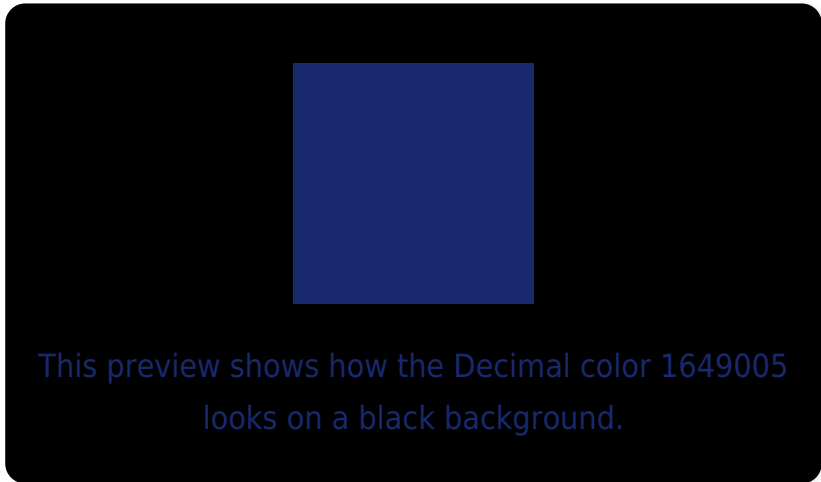
Large Text (above 18pt) WCAG AA ✓ Pass

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

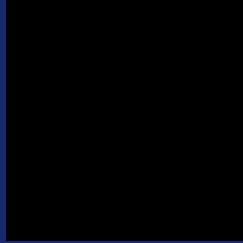
Any Text WCAG AA × Fail

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 1649005 Background



This preview shows how black text looks on a background with the Decimal color 1649005.



This preview shows how white text looks on a background with the Decimal color 1649005.

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

1649005

Protanopia

11874

Deuteranopia

12628

Trichromacy



Original Color
1649005

Protanomaly
601190

Deuteranomaly
601693

Monochromacy



Original Color
1649005

Achromatopsia
2894892

Achromatomaly
2435908

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1649005 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 #19296D looks like.

```
.text, #text, p{  
    color:#19296D  
}
```

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 #19296D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19296D
}
```

Border

The CSS property to change the border of an element to Decimal 1649005 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
#19296D }
```

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

```
.border{ border-color:#19296D }
```

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

Here you see how a box with a 4 pixel #19296D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19296D; -webkit-box-shadow:4px 4px  
4px 4px #19296D; box-shadow:4px 4px 4px  
4px #19296D }
```

Background

The CSS property to change the background color of an element to Decimal 1649005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19296D }
```

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

```
.background{ background-color:#19296D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor