

Converting Colors

HunterLab(21.7985, 0.1042,
-27.4712)

Have a look what the booklet for
HunterLab(21.7985, 0.1042,
-27.4712) contains.

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Color

**HunterLab(21.6857, 0.2984,
-27.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	003F6F
RGB	0, 63, 111
RGB Percent	0%, 25%, 44%
CMY	1.0000, 0.7529, 0.5647
CMYK	1.00, 0.43, 0.00, 0.56
HSL	206°, 100%, 22%
HSV	206°, 100%, 44%
XYZ	4.6467, 4.7027, 15.7017
YIQ	49.6350, -52.9560, 1.5720

Conversions

Conversions Part 2

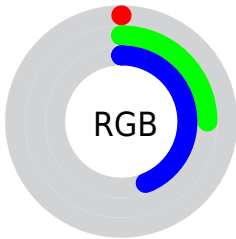
Format	Color
RYB	0, 40, 111
Decimal	16239
CIELab	25.87, 2.35, -32.69
CIElCh	26, 32.774, 274.115
Yxy	4.7028, 0.1855, 0.1877
Android (android.graphics.Color)	4278206319 (0xFF003F6F)
YUV	49.6350, 30.2529, -43.5299
Hunter-Lab	21.6857, 0.2984, -27.7494

Details

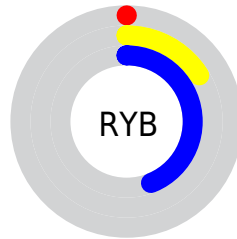
The HunterLab color **21.6857, 0.2984, -27.7494** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.4402, 16.9542, 14.7397**, and the grayscale version is **17.6534, -0.9419, 0.9591**.

A 20% lighter version of the original color is **38.9048, -0.2464, -28.8377**, and **9.4616, 5.4279, -23.5434** is the 20% darker color. If you saturate the color by 10%, you get **21.6845, 0.3006, -27.7527**, and if you desaturate by 10%, it is **23.0864, -1.2483, -24.4190**.

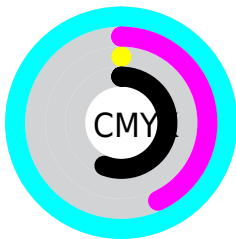
Distribution



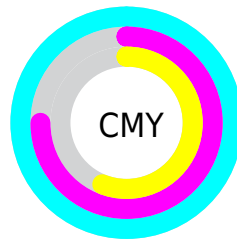
- Red (0%)
- Green (25%)
- Blue (44%)



- Red (0%)
- Yellow (16%)
- Blue (44%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (75%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6857, 0.2984, -27.7494 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 HunterLab color 21.6857, 0.2984, -27.7494 by changing the saturation by 10% instead.

■ 21.6857, 0.2984,
-27.7494

■ 21.6857, 0.2984,
-27.7494

■ 121.2093, -3.9107,
-32.2379

■ 14.4013, 0.5073,
-27.6362

■ 38.9531, -0.3166,
-28.8056

■ 8.0618, 0.8406,
-29.2777

■ 48.7688, -0.7060,
-29.4126

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.2934, -1.1422,
-29.9997

0.0000, NaN, NaN

■ 70.4822, -1.6213,
-30.5476

0.0000, NaN, NaN

■ 82.2977, -2.1400,
-31.0479

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.7083, -2.6959,

-31.4969

0.0000, NaN, NaN

107.6868, -3.2867,
-31.8934

21.6857, 0.2984,
-27.7494

21.6857, 0.2984,
-27.7494

21.6845, 0.3006,
-27.7527

23.0864, -1.2483,
-24.4190

24.5633, -2.5725,
-21.2098

26.1541, -3.5331,
-18.0384

27.8523, -4.1469,
-14.9241

29.6502, -4.4400,
-11.8802

■ 31.5398, -4.4423,
-8.9141

■ 33.5137, -4.1844,
-6.0282

■ 35.5646, -3.6952,
-3.2216

■ 37.6861, -3.0012,
-0.4908

Harmonies

Analogous

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



21.6860, -9.2333, -23.9340



21.6857, 0.2984, -27.7494



21.6860, 11.2672, -21.2821

Triad

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



21.6860, 0.2989, -27.7489



21.6860, 18.0561, 9.3825



21.6860, -16.4054, 7.9637

Complementary

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



21.6857, 0.2984, -27.7494



23.4402, 16.9542, 14.7397

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.



21.6860, -11.2939, 11.7764



21.6857, 0.2984, -27.7494



21.6860, 8.3042, 12.2821

Square

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



21.6860, 0.2989, -27.7489



21.6860, 22.6735, 2.5046



21.6860, -2.5780, 12.9026



21.6860, -17.7479, -0.2329

Rectangle

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



21.6857, 0.2984, -27.7494



21.6860, 17.5875, -13.2338



21.6860, -2.5780, 12.9026



21.6860, -15.1256, 9.6465

Sweetspot

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



21.6860, 0.2989, -27.7489



44.6238, -5.6402, -8.3823



34.0122, -27.0731, 15.9320



21.4449, -2.8332, -4.7227



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



21.6860, 0.2989, -27.7489



28.5724, 1.1774, -38.2547



11.6139, 25.3221, -69.1758



18.9346, -1.4606, -0.1137



23.4282, 0.5187, -30.4029



50.5999, 4.1428, -72.1885

Inverse Universe

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



19.3357, 34.9654, -1.8934



25.8230, 46.6106, -1.8253



35.8238, -6.4737, 21.9606



18.5209, 0.8999, 0.3840



20.9760, 37.9127, -1.8769



46.6288, 83.9376, -1.5315

Previews

White Background



This preview shows how the HunterLab color 21.6857, 0.2984, -27.7494 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



This preview shows how the HunterLab color 21.6857, 0.2984, -27.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

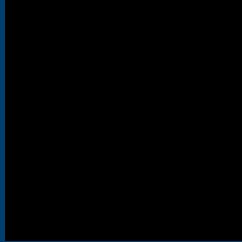
Any Text WCAG AA × Fail

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](#).

HunterLab 21.6857, 0.2984, -27.7494 Background



This preview shows how black text looks on a background with the HunterLab color 21.6857, 0.2984, -27.7494.



This preview shows how white text looks on a background with the HunterLab color 21.6857, 0.2984,

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

21.6857, 0.2984, -27.7494

Protanopia

21.8301, 4.2977, -25.0056

Deuteranopia

21.8340, 0.8025, -27.3700



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.6857, 0.2984, -27.7494

Protanomaly

21.5599, 2.2587, -26.4626

Deuteranomaly

21.7748, 0.6017, -27.5210

Tritanomaly

21.6851, -7.2665, -11.4182

Monochromacy



Original Color

21.6857, 0.2984, -27.7494

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7279, -2.9262, -7.9208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6857, 0.2984, -27.7494 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 `rgb(0, 63, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 111)  
}
```

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 rgb(0, 63, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6857, 0.2984, -27.7494 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 rgb(0, 63, 111) }
```


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

```
.border{ border-color:rgb(0, 63, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 111)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6857, 0.2984, -27.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 111) }
```

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

```
.background{ background-color: rgb(0, 63,  
111) }
```

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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