

Converting Colors

HunterLab(21.7776, 4.3601,
-36.6322)

Have a look what the booklet for
HunterLab(21.7776, 4.3601,
-36.6322) contains.

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Color

**HunterLab(21.7776, 4.3602,
-36.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	003D7A
RGB	0, 61, 122
RGB Percent	0%, 24%, 48%
CMY	0.9999, 0.7608, 0.5216
CMYK	1.00, 0.50, 0.00, 0.52
HSL	210°, 100%, 24%
HSV	210°, 100%, 48%
XYZ	5.1816, 4.7426, 19.0547
YIQ	49.7150, -55.9370, 6.0390

Conversions

Conversions Part 2

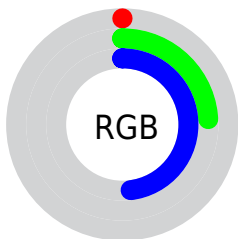
Format	Color
RYB	0, 41, 122
Decimal	15738
CIELab	25.99, 8.60, -39.47
CIELCh	26, 40.402, 282.296
Yxy	4.7428, 0.1788, 0.1637
Android (android.graphics.Color)	4278205818 (0xFF003D7A)
YUV	49.7150, 35.6365, -43.6001
Hunter-Lab	21.7776, 4.3602, -36.6325

Details

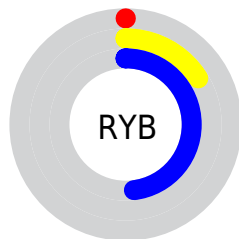
The HunterLab color **21.7776, 4.3602, -36.6325** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.3436, 15.4427, 17.1184**, and the grayscale version is **17.6637, -0.9425, 0.9597**.

A 20% lighter version of the original color is **39.1358, 4.4984, -37.2497**, and **9.9063, 8.8408, -31.4669** is the 20% darker color. If you saturate the color by 10%, you get **21.7758, 4.3637, -36.6379**, and if you desaturate by 10%, it is **23.4760, 2.1103, -31.9991**.

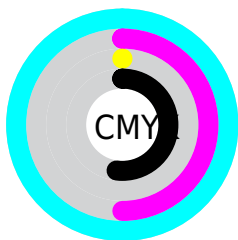
Distribution



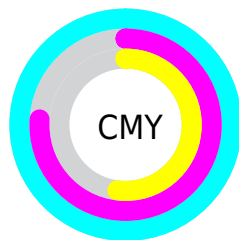
- Red (0%)
- Green (24%)
- Blue (48%)



- Red (0%)
- Yellow (16%)
- Blue (48%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7776, 4.3602, -36.6325 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 21.7776, 4.3602, -36.6325 by changing the saturation by 10% instead.

■ 21.7776, 4.3602,
-36.6325

■ 21.7776, 4.3602,
-36.6325

■ 121.3723, 3.0022,
-41.6501

■ 14.4815, 4.1190,
-37.0799

■ 39.0647, 4.5247,
-37.4084

■ 8.1426, 4.1696,
-40.2294

■ 48.8891, 4.4818,
-38.0444

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.4219, 4.3705,
-38.7116

0.0000, NaN, NaN

■ 70.6182, 4.1984,
-39.3713

0.0000, NaN, NaN

■ 82.4409, 3.9713,
-40.0034

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8584, 3.6938,

-40.5971

0.0000, NaN, NaN

107.8435, 3.3697,
-41.1469

21.7776, 4.3602,
-36.6325

21.7776, 4.3602,
-36.6325

21.7758, 4.3637,
-36.6379

23.4760, 2.1103,
-31.9991

25.2906, 0.1738,
-27.5784

27.2527, -1.3199,
-23.2877

29.3500, -2.3985,
-19.1518

31.5696, -3.1005,
-15.1813

■ 33.8993, -3.4682,
-11.3756

■ 36.3282, -3.5421,
-7.7271

■ 38.8466, -3.3597,
-4.2239

■ 41.4460, -2.9539,
-0.8526

Harmonies

Analogous

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



21.7779, -8.1884, -35.2716



21.7776, 4.3602, -36.6325



21.7779, 18.1152, -24.4008

Triad

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



21.7779, 4.3609, -36.6319



21.7779, 20.3274, 11.8214



21.7779, -20.0777, 7.1972

Complementary

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



21.7776, 4.3602, -36.6325



27.3436, 15.4427, 17.1184

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.



21.7779, -15.4386, 12.3979



21.7776, 4.3602, -36.6325



21.7779, 6.8836, 14.0415

Square

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



21.7779, 4.3609, -36.6319



21.7779, 28.6692, 5.6261



21.7779, -6.1862, 14.2293



21.7779, -20.4496, -4.4468

Rectangle

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



21.7776, 4.3602, -36.6325



21.7779, 25.3589, -12.8420



21.7779, -6.1862, 14.2293



21.7779, -19.0259, 9.5347

Sweetspot

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



21.7779, 4.3609, -36.6319



47.9440, -4.7032, -10.5983



37.7575, -29.1900, 15.8206



22.4017, -2.2483, -5.8386



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



21.7779, 4.3609, -36.6319



28.4075, 6.7073, -49.9860



11.8557, 32.1479, -84.2122



20.4787, -1.4278, -0.2700



22.3063, 4.5492, -37.7014



46.9385, 13.4224, -87.6442

Inverse Universe

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



21.1539, 37.8154, 1.3228



28.0078, 49.9818, 2.4578



42.4933, -11.4131, 25.9838



20.1131, 0.9588, 0.5552



21.7006, 38.7894, 1.4146



47.2137, 84.0568, 5.6878

Previews

White Background



This preview shows how the HunterLab color 21.7776, 4.3602, -36.6325 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 21.7776, 4.3602, -36.6325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

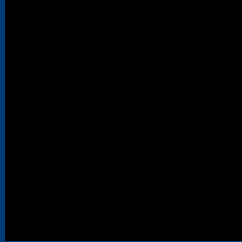
Any Text WCAG AA × Fail

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 21.7776, 4.3602, -36.6325 Background



This preview shows how black text looks on a background with the HunterLab color 21.7776, 4.3602, -36.6325.



This preview shows how white text looks on a background with the HunterLab color 21.7776, 4.3602, -36.6325.

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

21.7776, 4.3602, -36.6325

Protanopia

21.9519, 6.0463, -35.2245

Deuteranopia

21.6352, 0.0244, -27.0947



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.7776, 4.3602, -36.6325

Protanomaly

21.7310, 5.3472, -35.8697

Deuteranomaly

21.5874, 1.5802, -30.3936

Tritanomaly

21.5679, -5.9920, -14.0230

Monochromacy



Original Color

21.7776, 4.3602, -36.6325

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.6205, -1.7245, -10.3278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7776, 4.3602, -36.6325 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, 61, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 122)  
}
```

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, 61, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7776, 4.3602, -36.6325 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, 61, 122) }
```


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

```
.border{ border-color:rgb(0, 61, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 122)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7776, 4.3602, -36.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 122) }
```

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

```
.background{ background-color: rgb(0, 61,  
122) }
```

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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