

Converting Colors

HunterLab(41.9783, -7.6445,
-29.5443)

Have a look what the booklet for
HunterLab(41.9783, -7.6445,
-29.5443) contains.

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Color

**HunterLab(41.9961, -7.6792,
-29.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7BAC
RGB	42, 123, 172
RGB Percent	16%, 48%, 67%
CMY	0.8353, 0.5176, 0.3255
CMYK	0.76, 0.28, 0.00, 0.33
HSL	203°, 61%, 42%
HSV	203°, 76%, 67%
XYZ	15.4842, 17.6367, 41.6178
YIQ	104.3670, -64.0050, -1.9330

Conversions

Conversions Part 2

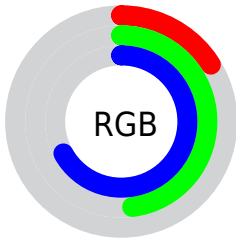
Format	Color
R _Y B	42, 92, 172
Decimal	2784172
CIE Lab	49.05, -7.32, -32.99
CIE LCh	49, 33.788, 257.488
Yxy	17.6373, 0.2072, 0.2360
Android (android.graphics.Color)	4280974252 (0xFF2A7BAC)
YUV	104.3670, 33.3431, -54.6959
Hunter-Lab	41.9961, -7.6792, -29.3587

Details

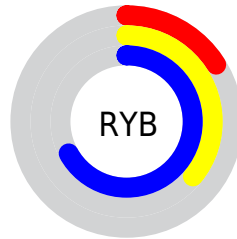
The HunterLab color **41.9961, -7.6792, -29.3587** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **40.5236, 22.3488, 22.1555**, and the grayscale version is **37.2419, -1.9871, 2.0234**.

A 20% lighter version of the original color is **62.7101, -9.3279, -30.9174**, and **25.2271, -2.7838, -25.5223** is the 20% darker color. If you saturate the color by 10%, you get **39.7409, -5.9997, -33.8463**, and if you desaturate by 10%, it is **44.4335, -8.7553, -24.8534**.

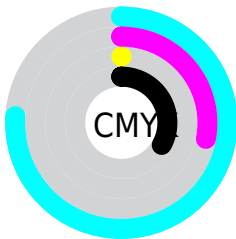
Distribution



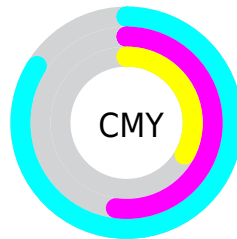
- Red (16%)
- Green (48%)
- Blue (67%)



- Red (16%)
- Yellow (36%)
- Blue (67%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)



- Cyan (84%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9961, -7.6792, -29.3587 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 41.9961, -7.6792, -29.3587 by changing the saturation by 10% instead.

41.9961, -7.6792,
-29.3587

41.9961, -7.6792,
-29.3587

154.5376,
-16.7749, -33.2605

32.6954, -6.7229,
-28.7574

62.7840, -9.6073,
-30.5465

24.2048, -5.7638,
-28.2379

74.1760, -10.5872,
-31.0861

16.6114, -4.7881,
-27.9807

86.1841, -11.5803,
-31.5771

10.0371, -3.8017,
-28.5185

98.7782, -12.5878,
-32.0165

0.0000, NaN, -NF

0.0000, NaN, -NF

111.9323,
-13.6106, -32.4038

0.0000, NaN, NaN

125.6234,

0.0000, NaN, NaN

-14.6491, -32.7394

0.0000, NaN, NaN

139.8312,
-15.7039, -33.0245

■ 41.9961, -7.6792,
-29.3587

■ 41.9961, -7.6792,
-29.3587

■ 39.7409, -5.9997,
-33.8463

■ 44.4335, -8.7553,
-24.8534

■ 37.6657, -3.7319,
-38.2936

■ 47.0440, -9.2508,
-20.3637

■ 36.7814, -2.6299,
-40.2963

■ 49.8181, -9.2040,
-15.9143

■ 52.7448, -8.6615,
-11.5239

■ 55.8129, -7.6720,
-7.2042

■ 59.0115, -6.2830,
-2.9616

■ 62.3304, -4.5389,
1.2020

■ 65.7603, -2.4796,
5.2879

■ 69.2925, -0.1410,
9.2993

Harmonies

Analogous

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



41.9968, -18.2694, -20.0824



41.9961, -7.6792, -29.3587



41.9968, 5.7805, -28.4407

Triad

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



41.9968, -7.6788, -29.3578



41.9968, 25.2547, 9.0024



41.9968, -19.5928, 15.7012

Complementary

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



41.9961, -7.6792, -29.3587



40.5236, 22.3488, 22.1555

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.



41.9968, -9.7062, 19.5838



41.9961, -7.6792, -29.3587



41.9968, 16.6176, 16.6333

Square

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



41.9968, -7.6788, -29.3578



41.9968, 25.9758, -3.3762



41.9968, 3.4840, 19.8608



41.9968, -24.5461, 7.2553

Rectangle

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



41.9961, -7.6792, -29.3587



41.9968, 14.6099, -22.1731



41.9968, 3.4840, 19.8608



41.9968, -16.7970, 17.4508

Sweetspot

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



41.9968, -7.6788, -29.3578



76.0921, -9.9721, -8.4579



55.4350, -40.5344, 23.1815



34.7811, -4.9158, -4.8848



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



41.9968, -7.6788, -29.3578



51.5313, -6.0013, -49.8181



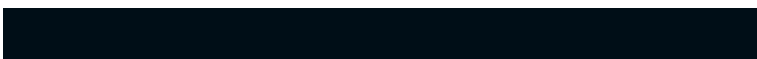
25.7569, 24.1112, -73.5501



29.2524, -2.5043, -0.1644



31.8992, -2.5472, -34.3725



6.1955, -1.7596, -3.9454

Inverse Universe

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



34.4346, 50.7592, -10.1586



43.0564, 75.6313, -10.3983



56.8071, -7.9811, 32.5774



28.4536, 1.6923, 0.3273



27.0745, 49.3334, -5.5091



4.6270, 8.6268, -2.4589

Previews

White Background



This preview shows how the HunterLab color 41.9961, -7.6792, -29.3587 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 × Fail

Black Background



This preview shows how the HunterLab color 41.9961, -7.6792, -29.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

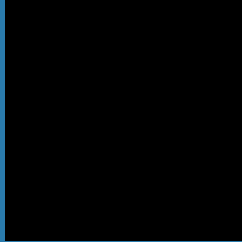
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.9961, -7.6792, -29.3587 Background



This preview shows how black text looks on a background with the HunterLab color 41.9961, -7.6792, -29.3587.



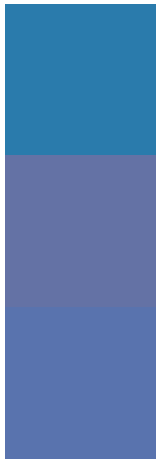
This preview shows how white text looks on a background with the HunterLab color 41.9961, -7.6792, -29.3587.

-29.3587.

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

41.9961, -7.6792, -29.3587

Protanopia

41.7858, 4.0418, -24.6901

Deuteranopia

41.7628, 3.3818, -31.0572



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

41.9961, -7.6792, -29.3587

Protanomaly

41.4873, -0.9504, -27.3949

Deuteranomaly

41.6554, -1.3616, -30.6282

Tritanomaly

41.8505, -16.2032, -15.9742

Monochromacy



Original Color

41.9961, -7.6792, -29.3587

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

38.3447, -6.3993, -8.5978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9961, -7.6792, -29.3587 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(42, 123, 172)` looks like.

```
.text, #text, p{  
    color:rgb(42, 123, 172)  
}
```

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(42, 123, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 123, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9961, -7.6792, -29.3587 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(42, 123, 172) }
```


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

```
.border{ border-color:rgb(42, 123, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 123, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 123, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 123, 172);  
box-shadow:4px 4px 4px 4px rgb(42, 123,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9961, -7.6792, -29.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 123, 172) }
```

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

```
.background{ background-color: rgb(42, 123,  
172) }
```

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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