

Converting Colors

HunterLab(28.6173, -7.3188,
-19.9701)

Have a look what the booklet for
HunterLab(28.6173, -7.3188,
-19.9701) contains.

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Color

**HunterLab(28.6302, -7.3367,
-19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	005779
RGB	0, 87, 121
RGB Percent	0%, 34%, 47%
CMY	0.9999, 0.6588, 0.5255
CMYK	1.00, 0.28, 0.00, 0.53
HSL	197°, 100%, 24%
HSV	197°, 100%, 47%
XYZ	6.8594, 8.1969, 19.3098
YIQ	64.8630, -62.7660, -7.8700

Conversions

Conversions Part 2

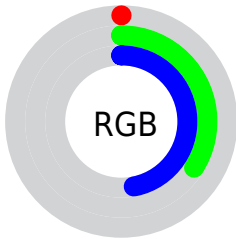
Format	Color
R_{YB}	0, 51, 121
Decimal	22393
CIE _{Lab}	34.39, -9.03, -25.49
CIE _{LCh}	34, 27.038, 250.500
Yxy	8.1972, 0.1996, 0.2385
Android (android.graphics.Color)	4278212473 (0xFF005779)
YUV	64.8630, 27.6755, -56.8849
Hunter-Lab	28.6302, -7.3367, -19.9474

Details

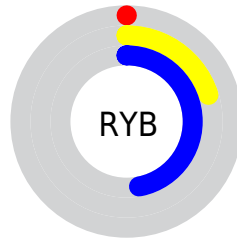
The HunterLab color **28.6302, -7.3367, -19.9474** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.8252, 26.1982, 14.5223**, and the grayscale version is **22.8676, -1.2202, 1.2424**.

A 20% lighter version of the original color is **47.3742, -9.4793, -21.0907**, and **14.5733, -1.0350, -15.9810** is the 20% darker color. If you saturate the color by 10%, you get **28.6293, -7.3353, -19.9494**, and if you desaturate by 10%, it is **29.7317, -8.2360, -17.8969**.

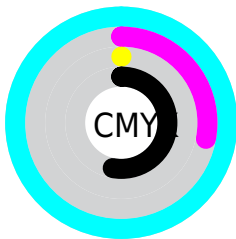
Distribution



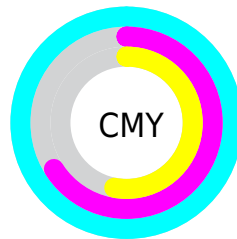
- Red (0%)
- Green (34%)
- Blue (47%)



- Red (0%)
- Yellow (20%)
- Blue (47%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6302, -7.3367, -19.9474 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 28.6302, -7.3367, -19.9474 by changing the saturation by 10% instead.

■ 28.6302, -7.3367,
-19.9474

■ 28.6302, -7.3367,
-19.9474

■ 133.1429,
-17.0686, -22.8634

■ 20.5460, -6.2425,
-19.4254

■ 47.2695, -9.4708,
-20.9728

■ 13.4095, -5.1022,
-19.0438

■ 57.6922, -10.5322,
-21.4153

■ 6.9715, -6.0136,
-20.9341

■ 68.7852, -11.5976,
-21.7994

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.5100, -12.6700,
-22.1244

0.0000, NaN, NaN

■ 92.8343, -13.7520,
-22.3911

0.0000, NaN, NaN

■ 105.7303,

0.0000, NaN, NaN

-14.8450, -22.6017

0.0000, NaN, NaN

119.1737,
-15.9502, -22.7583

28.6302, -7.3367,
-19.9474

28.6302, -7.3367,
-19.9474

28.6293, -7.3353,
-19.9494

29.7317, -8.2360,
-17.8969

30.8991, -8.9089,
-15.8265

32.1684, -9.2219,
-13.6802

33.5401, -9.1740,
-11.4706

35.0121, -8.7768,
-9.2121

■ 36.5810, -8.0495,
-6.9189

■ 38.2421, -7.0156,
-4.6037

■ 39.9906, -5.7008,
-2.2771

■ 41.8213, -4.1309,
0.0525

Harmonies

Analogous

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



28.6307, -14.0587, -12.0665



28.6302, -7.3367, -19.9474



28.6307, 1.8522, -21.1306

Triad

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



28.6307, -7.3364, -19.9468



28.6307, 18.5797, 4.5282



28.6307, -12.3836, 11.8200

Complementary

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



28.6302, -7.3367, -19.9474



22.8252, 26.1982, 14.5223

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.



28.6307, -4.7606, 13.8634



28.6302, -7.3367, -19.9474



28.6307, 13.6117, 10.6531

Square

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



28.6307, -7.3364, -19.9468



28.6307, 17.6557, -4.8209



28.6307, 4.7812, 13.5197



28.6307, -16.7010, 6.7410

Rectangle

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



28.6302, -7.3367, -19.9474



28.6307, 8.2717, -17.6535



28.6307, 4.7812, 13.5197



28.6307, -10.1667, 12.7964

Sweetspot

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



28.6307, -7.3364, -19.9468



51.0011, -9.5071, -6.3973



37.1225, -30.8144, 20.1210



24.0243, -4.7852, -3.5592



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.



28.6307, -7.3364, -19.9468



37.9901, -9.3461, -27.3088



14.9089, 20.2737, -62.3964



20.8113, -1.9707, 0.1310



29.6043, -7.5456, -20.7139



63.4908, -14.7637, -47.4873

Inverse Universe

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



21.8024, 40.4897, -10.3778



29.1319, 54.0338, -13.3034



34.4289, 0.8216, 21.2286



20.1475, 1.1438, 0.0654



22.5646, 41.9016, -10.6825



49.1290, 90.9678, -21.2212

Previews

White Background



This preview shows how the HunterLab color 28.6302, -7.3367, -19.9474 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 28.6302, -7.3367, -19.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

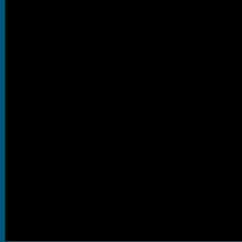
Any Text WCAG AA × Fail

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 28.6302, -7.3367, -19.9474 Background



This preview shows how black text looks on a background with the HunterLab color 28.6302, -7.3367, -19.9474.



This preview shows how white text looks on a background with the HunterLab color 28.6302, -7.3367, -19.9474.

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

28.6302, -7.3367, -19.9474

Protanopia

28.7702, 2.3207, -15.6571

Deuteranopia

28.7786, 1.6129, -20.1718



Tritanopia

28.5926, -13.7422, -6.0729

Trichromacy



Original Color

28.6302, -7.3367, -19.9474

Protanomaly

28.3351, -3.0553, -17.8089

Deuteranomaly

28.3249, -2.6649, -21.1340

Tritanomaly

28.6101, -11.5483, -10.8306

Monochromacy



Original Color

28.6302, -7.3367, -19.9474

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.2742, -6.1781, -6.1422

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6302, -7.3367, -19.9474 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, 87, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 121)  
}
```

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, 87, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6302, -7.3367, -19.9474 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, 87, 121) }
```


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

```
.border{ border-color:rgb(0, 87, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 121)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6302, -7.3367, -19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 121) }
```

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

```
.background{ background-color: rgb(0, 87,  
121) }
```

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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