

Converting Colors

HunterLab(27.5377, 1.0289,
-36.6408)

Have a look what the booklet for
HunterLab(27.5377, 1.0289,
-36.6408) contains.

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Color

**HunterLab(27.6239, 0.7828,
-36.2172)**

Conversions

Conversions Part 1

Format	Color
Hex	00508C
RGB	0, 80, 140
RGB Percent	0%, 31%, 55%
CMY	0.9999, 0.6863, 0.4510
CMYK	1.00, 0.43, 0.00, 0.45
HSL	206°, 100%, 27%
HSV	206°, 100%, 55%
XYZ	7.6023, 7.6308, 25.8832
YIQ	62.9200, -66.9400, 1.7000

Conversions

Conversions Part 2

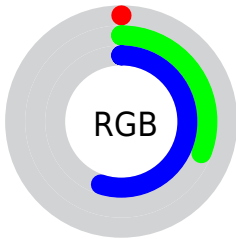
Format	Color
RYB	0, 51, 140
Decimal	20620
CIELab	33.20, 3.35, -39.06
CIELCh	33, 39.206, 274.907
Yxy	7.6310, 0.1849, 0.1856
Android (android.graphics.Color)	4278210700 (0xFF00508C)
YUV	62.9200, 38.0004, -55.1808
Hunter-Lab	27.6239, 0.7828, -36.2172

Details

The HunterLab color **27.6239, 0.7828, -36.2172** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **29.6807, 22.8272, 18.6876**, and the grayscale version is **22.1584, -1.1823, 1.2039**.

A 20% lighter version of the original color is **46.1530, 0.0494, -37.1265**, and **14.0820, 6.2100, -31.0068** is the 20% darker color. If you saturate the color by 10%, you get **27.6217, 0.7868, -36.2231**, and if you desaturate by 10%, it is **29.3987, -1.3986, -31.9473**.

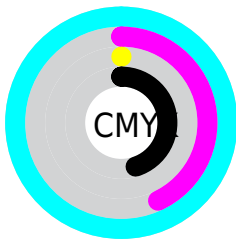
Distribution



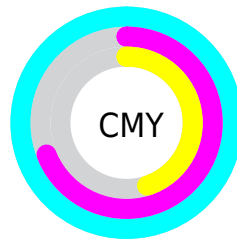
- Red (0%)
- Green (31%)
- Blue (55%)



- Red (0%)
- Yellow (20%)
- Blue (55%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.6239, 0.7828, -36.2172 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 27.6239, 0.7828, -36.2172 by changing the saturation by 10% instead.

■ 27.6239, 0.7828,
-36.2172

■ 27.6239, 0.7828,
-36.2172

■ 131.4567, -3.2602,
-41.3914

■ 19.6463, 0.9751,
-36.0771

■ 46.0780, 0.2057,
-37.3171

■ 12.6310, 1.0844,
-36.8240

■ 56.4183, -0.1644,
-37.9784

■ 5.9541, 2.1366,
-46.7772

■ 67.4337, -0.5816,
-38.6380

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.0853, -1.0419,
-39.2727

0.0000, NaN, NaN

■ 91.3400, -1.5423,
-39.8703

0.0000, NaN, NaN

■ 104.1694, -2.0802,

0.0000, NaN, NaN

-40.4243

0.0000, NaN, NaN

117.5489, -2.6534,
-40.9317

■ 27.6239, 0.7828,
-36.2172

■ 27.6239, 0.7828,
-36.2172

■ 27.6217, 0.7868,
-36.2231

■ 29.3987, -1.3986,
-31.9473

■ 31.2975, -3.2098,
-27.7731

■ 33.3499, -4.5318,
-23.6391

■ 35.5476, -5.3833,
-19.5727

■ 37.8805, -5.7983,
-15.5938

■ 40.3379, -5.8171,
-11.7142

■ 42.9093, -5.4816,
-7.9383

■ 45.5851, -4.8315,
-4.2658

■ 48.3563, -3.9036,
-0.6926

Harmonies

Analogous

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



27.6243, -11.6568, -31.5685



27.6239, 0.7828, -36.2172



27.6243, 15.0278, -27.4297

Triad

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



27.6243, 0.7835, -36.2165



27.6243, 23.2352, 12.2408



27.6243, -21.2938, 10.0685

Complementary

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



27.6239, 0.7828, -36.2172



29.6807, 22.8272, 18.6876

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.



27.6243, -14.8316, 15.0665



27.6239, 0.7828, -36.2172



27.6243, 10.4342, 15.8313

Square

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



27.6243, 0.7835, -36.2165



27.6243, 29.4845, 3.5364



27.6243, -3.6640, 16.5362



27.6243, -22.8955, -0.6963

Rectangle

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



27.6239, 0.7828, -36.2172



27.6243, 23.1714, -16.8226



27.6243, -3.6640, 16.5362



27.6243, -19.6883, 12.2762

Sweetspot

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



27.6243, 0.7835, -36.2165



56.7493, -7.3205, -10.8608



43.6641, -34.9146, 20.7960



26.6241, -3.6135, -6.1038



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



27.6243, 0.7835, -36.2165



36.2322, 1.8231, -49.2226



14.6594, 33.5433, -90.7283



23.0986, -1.8127, -0.1877



26.1127, 0.6095, -33.9544



2.7283, -0.8770, -1.5169

Inverse Universe

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



24.8096, 44.8170, -2.0654



32.8908, 59.3311, -2.0376



45.9365, -8.1966, 28.1616



22.5684, 1.1964, 0.4277



23.3935, 42.2785, -2.0650



1.9823, 3.7169, -1.2162

Previews

White Background



This preview shows how the HunterLab color 27.6239, 0.7828, -36.2172 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 27.6239, 0.7828, -36.2172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

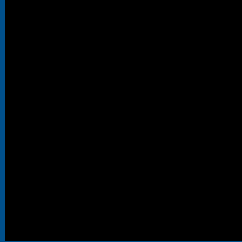
Any Text WCAG AA × Fail

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 27.6239, 0.7828, -36.2172 Background



This preview shows how black text looks on a background with the HunterLab color 27.6239, 0.7828, -36.2172.



This preview shows how white text looks on a background with the HunterLab color 27.6239, 0.7828, -36.2172.

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

27.6239, 0.7828, -36.2172

Protanopia

27.6591, 5.7653, -32.7855

Deuteranopia

27.8387, 1.5098, -35.6610



Tritanopia

27.5803, -13.4202, -5.5025

Trichromacy



Original Color

27.6239, 0.7828, -36.2172

Protanomaly

27.2415, 3.2070, -34.6679

Deuteranomaly

27.7523, 1.2182, -35.8838

Tritanomaly

27.3248, -8.7225, -15.3242

Monochromacy



Original Color

27.6239, 0.7828, -36.2172

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.3724, -3.5441, -10.7677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.6239, 0.7828, -36.2172 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, 80, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 80, 140)  
}
```

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, 80, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 80, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 27.6239, 0.7828, -36.2172 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, 80, 140) }
```


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

```
.border{ border-color:rgb(0, 80, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 80, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 80, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 80, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 80, 140)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.6239, 0.7828, -36.2172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 80, 140) }
```

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

```
.background{ background-color: rgb(0, 80,  
140) }
```

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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