

Converting Colors

HunterLab(6.1280, 27.0510,
-49.0834)

Have a look what the booklet for
HunterLab(6.1280, 27.0510,
-49.0834) contains.

HunterLab(7.7428, 18.6499, -36.7796)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(7.7428, 18.6499,
-36.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	170044
RGB	23, 0, 68
RGB Percent	9%, 0%, 27%
CMY	0.9098, 1.0000, 0.7333
CMYK	0.66, 1.00, 0.00, 0.73
HSL	260°, 100%, 13%
HSV	260°, 100%, 27%
XYZ	1.3967, 0.5995, 5.5109
YIQ	14.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

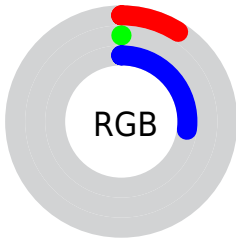
Format	Color
R_{YB}	23, 0, 68
Decimal	1507396
CIE Lab	5.42, 30.16, -37.06
CIE LCh	5, 47.781, 309.144
Yxy	0.5995, 0.1861, 0.0799
Android (android.graphics.Color)	4279697476 (0xFF170044)
YUV	14.6290, 26.3119, 7.3414
Hunter-Lab	7.7428, 18.6499, -36.7796

Details

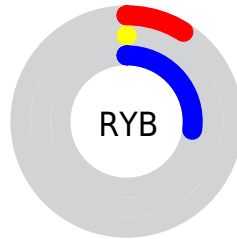
The HunterLab color **7.7428, 18.6499, -36.7796** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **21.6612, -11.9559, 13.1382**, and the grayscale version is **6.7350, -0.3594, 0.3659**.

A 20% lighter version of the original color is **21.2184, 20.5713, -33.5919**, and **2.8908, 5.1606, -14.7536** is the 20% darker color. If you saturate the color by 10%, you get **7.7430, 18.6501, -36.7786**, and if you desaturate by 10%, it is **8.9715, 15.7872, -30.3372**.

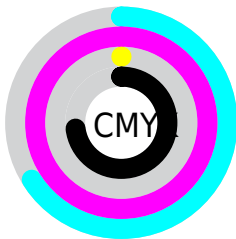
Distribution



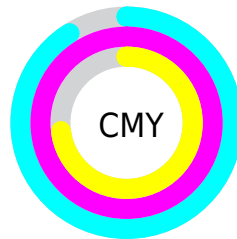
- Red (9%)
- Green (0%)
- Blue (27%)



- Red (9%)
- Yellow (0%)
- Blue (27%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (73%)



- Cyan (91%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 7.7428, 18.6499, -36.7796 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 7.7428, 18.6499, -36.7796 by changing the saturation by 10% instead.

7.7428, 18.6499,
-36.7796

7.7428, 18.6499,
-36.7796

94.1309, 26.9932,
-37.2650

0.0000, INF, -NF

0.0000, NaN, -NF

21.3333, 20.4814,
-33.3329

0.0000, NaN, NaN

29.5091, 21.7739,
-33.6628

0.0000, NaN, NaN

38.5240, 22.9259,
-34.2174

0.0000, NaN, NaN

0.0000, NaN, NaN

48.3062, 23.9492,
-34.8508

0.0000, NaN, NaN

58.7996, 24.8567,
-35.4972

0.0000, NaN, NaN

0.0000, NaN, NaN

69.9590, 25.6602,

-36.1245

■ 81.7467, 26.3695,
-36.7165

■ 7.7428, 18.6499,
-36.7796

■ 7.7428, 18.6499,
-36.7796

■ 7.7430, 18.6501,
-36.7786

■ 8.9715, 15.7872,
-30.3372

■ 10.1385, 13.7873,
-25.4933

■ 11.4719, 11.7568,
-20.9896

■ 12.9687, 9.7109,
-16.8411

■ 14.5970, 7.7141,
-13.0836

■ 16.3327, 5.7880,
-9.6872

■ 18.1573, 3.9338,
-6.6004

■ 20.0572, 2.1438,
-3.7695

■ 22.0217, 0.4083,
-1.1472

Harmonies

Analogous

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



7.7430, 3.8595, -56.5653



7.7428, 18.6499, -36.7796



7.7430, 31.4825, -10.9310

Triad

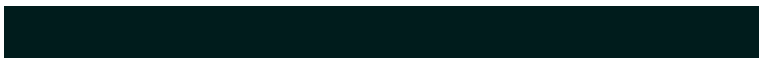
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7.7430, 18.6501, -36.7786



7.7430, 9.3508, 5.4201



7.7430, -13.5502, -3.7739

Complementary

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



7.7428, 18.6499, -36.7796



21.6612, -11.9559, 13.1382

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.



7.7430, -13.5502, 5.4201



7.7428, 18.6499, -36.7796



7.7430, -4.6866, 5.4201

Square

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



7.7430, 18.6501, -36.7786



7.7430, 24.4002, 5.4201



7.7430, -13.5502, 5.4201



7.7430, -13.5502, -26.0458

Rectangle

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



7.7428, 18.6499, -36.7796



7.7430, 34.6363, 0.0392



7.7430, -13.5502, 5.4201



7.7430, -13.5502, 0.8037

Sweetspot

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



7.7430, 18.6501, -36.7786



23.6271, 5.4927, -9.2001



15.2305, -3.2773, -11.9619



12.0435, 3.1088, -5.1984



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



7.7430, 18.6501, -36.7786



10.0218, 24.4014, -49.6377



11.3024, 23.0482, -21.3203



11.4956, 0.0762, -0.3931



10.8669, 26.5346, -54.4098



26.3368, 65.6190, -142.0224

Inverse Universe

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



11.9096, 21.9862, -4.6347



15.6609, 28.8399, -5.5404



20.5127, -16.6694, 12.3480



11.6210, 0.4490, 0.1864



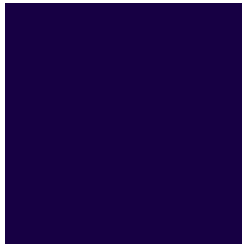
17.0512, 31.3798, -5.8730



42.5030, 77.8548, -11.8153

Previews

White Background



This preview shows how the HunterLab color 7.7428, 18.6499, -36.7796 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

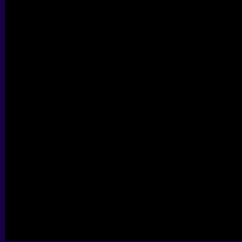
Any Text WCAG AA × Fail

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 7.7428, 18.6499, -36.7796 Background



This preview shows how black text looks on a background with the HunterLab color 7.7428, 18.6499, -36.7796.



This preview shows how white text looks on a background with the HunterLab color 7.7428, 18.6499, -36.7796.

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

7.7428, 18.6499, -36.7796

Protanopia

8.8264, 0.7325, -12.6135

Deuteranopia

8.9804, -1.6104, -7.7483



Tritanopia

9.0439, -4.6315, -1.3060

Trichromacy



Original Color

7.7428, 18.6499, -36.7796

Protanomaly

8.0096, 7.0827, -21.6959

Deuteranomaly

7.8966, 5.3201, -17.6982

Tritanomaly

7.8720, 2.5162, -11.6034

Monochromacy



Original Color

7.7428, 18.6499, -36.7796

Achromatopsia

6.9116, -0.3688, 0.3755

Achromatomaly

6.7910, 5.1150, -8.9387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 7.7428, 18.6499, -36.7796 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(23, 0, 68)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 68)  
}
```

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(23, 0, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 7.7428, 18.6499, -36.7796 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(23, 0, 68) }
```


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

```
.border{ border-color:rgb(23, 0, 68) }
```

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

Here you see how a box with a 4 pixel rgb(23, 0, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 0, 68); box-shadow:4px  
4px 4px 4px rgb(23, 0, 68) }
```

Background

The CSS property to change the background color of an element to HunterLab 7.7428, 18.6499, -36.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 68) }
```

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

```
.background{ background-color: rgb(23, 0,  
68) }
```

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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