

Converting Colors

HunterLab(21.0130, 36.7030,
6.4040)

Have a look what the booklet for
HunterLab(21.0130, 36.7030,
6.4040) contains.

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Color

**HunterLab(21.0474, 36.7164,
6.3308)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7B012E |
| RGB | 123, 1, 46 |
| RGB Percent | 48%, 0%, 18% |
| CMY | 0.5176, 0.9960, 0.8196 |
| CMYK | 0.00, 0.99, 0.63, 0.52 |
| HSL | 338°, 98%, 24% |
| HSV | 338°, 99%, 48% |
| XYZ | 8.6724, 4.4299, 2.9828 |
| YIQ | 42.6080, 58.2670, 39.8590 |

Conversions

Conversions Part 2

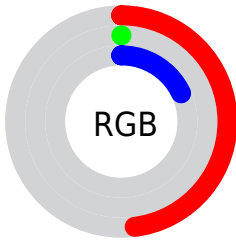
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 123, 1, 46 |
| Decimal | 8061230 |
| CIELab | 25.05, 48.18, 10.48 |
| CIElCh | 25, 49.304, 12.269 |
| Yxy | 4.4302, 0.5391, 0.2754 |
| Android (android.graphics.Color) | 4286251310 (0xFF7B012E) |
| YUV | 42.6080, 1.6723, 70.5038 |
| Hunter-Lab | 21.0474, 36.7164, 6.3308 |

Details

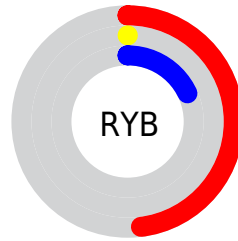
The HunterLab color **21.0474, 36.7164, 6.3308** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **38.3701, -27.7390, 12.0166**, and the grayscale version is **15.3983, -0.8216, 0.8366**.

A 20% lighter version of the original color is **38.2013, 40.3914, 8.8852**, and **11.0858, 18.9847, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **20.9838, 36.8515, 6.4573**, and if you desaturate by 10%, it is **21.8426, 35.1334, 4.6796**.

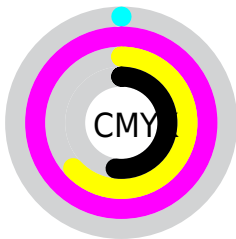
Distribution



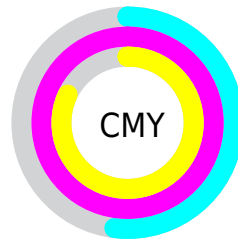
- Red (48%)
- Green (0%)
- Blue (18%)



- Red (48%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0474, 36.7164, 6.3308 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 21.0474, 36.7164, 6.3308 by changing the saturation by 10% instead.

21.0474, 36.7164,
6.3308

21.0474, 36.7164,
6.3308

120.0733, 50.2855,
16.8270

13.8456, 34.8626,
5.0420

38.1763, 40.4499,
8.7296

7.4738, 35.5787,
5.2316

47.9312, 42.1757,
9.8891

0.0000, INF, NaN

0.0000, NaN, NaN

58.3992, 43.7873,
11.0391

0.0000, NaN, NaN

69.5346, 45.2869,
12.1866

0.0000, NaN, NaN

81.2996, 46.6801,
13.3363


0.0000, NaN, NaN


0.0000, NaN, NaN


93.6623, 47.9733,


14.4915


0.0000, NaN, NaN


 106.5948, 49.1731,
15.6545


 21.0474, 36.7164,
6.3308


 21.0474, 36.7164,
6.3308


 20.9838, 36.8515,
6.4573

 21.8426, 35.1334,
4.6796

 22.9682, 32.7490,
3.1361

 24.5458, 29.3442,
1.9238

 26.5463, 25.2205,
1.0945

 28.9229, 20.6766,
0.6431

■ 31.6240, 15.9428,
0.5306

■ 34.6014, 11.1690,
0.7060

■ 37.8130, 6.4403,
1.1186

■ 41.2240, 1.7975,
1.7240

Harmonies

Analogous

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



21.0480, 35.5284, -9.4685



21.0474, 36.7164, 6.3308



21.0480, 25.8372, 12.7604

Triad

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



21.0480, 36.7139, 6.3313



21.0480, -17.6760, 13.4147



21.0480, -9.4666, -47.8269

Complementary

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



21.0474, 36.7164, 6.3308



38.3701, -27.7390, 12.0166

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.



21.0480, -18.9738, -28.3060



21.0474, 36.7164, 6.3308



21.0480, -22.6804, 8.0895

Square

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



21.0480, 36.7139, 6.3313



21.0480, -7.1001, 14.7336



21.0480, -23.0740, -5.8269



21.0480, 5.6031, -49.7856

Rectangle

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



21.0474, 36.7164, 6.3308



21.0480, 14.6472, 14.7336



21.0480, -23.0740, -5.8269



21.0480, -13.2927, -42.6808

Sweetspot

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



21.0480, 36.7139, 6.3313



45.6592, 15.9418, 0.8856



17.3157, 37.5856, -52.8349



21.4744, 8.8170, 0.3798



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.0480, 36.7139, 6.3313



28.0340, 49.1446, 9.3132



21.3583, 32.3923, 13.6472



20.0928, 0.8501, 0.8433



21.3403, 37.4732, 6.6016



46.4453, 81.2444, 16.7921

Inverse Universe

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



21.0480, 36.7139, 6.3313



28.0340, 49.1446, 9.3132



35.1062, -15.5132, -10.2869



20.0928, 0.8501, 0.8433



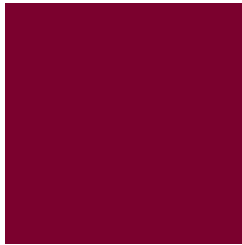
21.3403, 37.4732, 6.6016



46.4453, 81.2444, 16.7921

Previews

White Background



This preview shows how the HunterLab color 21.0474, 36.7164, 6.3308 looks on a white background.

Color Contrast Check

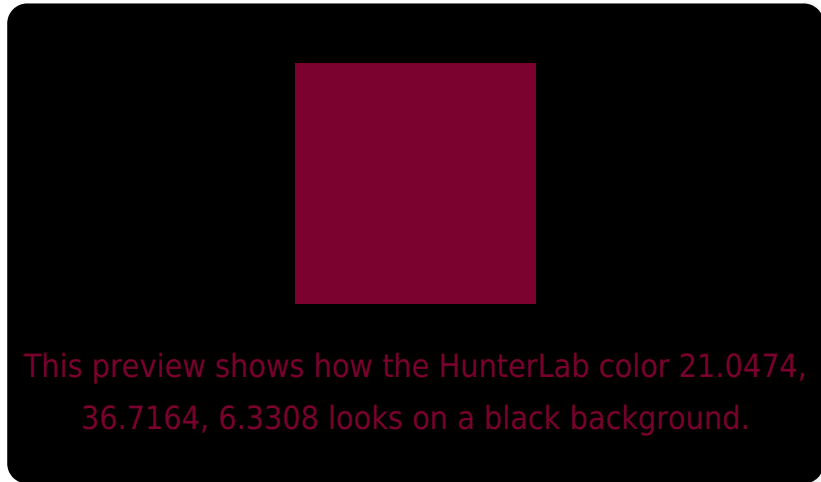
Large Text (above 18pt) WCAG AA ✓ Pass

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

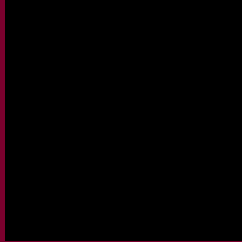
Any Text WCAG AA × Fail

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 21.0474, 36.7164, 6.3308 Background



This preview shows how black text looks on a background with the HunterLab color 21.0474, 36.7164, 6.3308.



This preview shows how white text looks on a background with the HunterLab color 21.0474, 36.7164,

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

21.0474, 36.7164, 6.3308

Protanopia

22.3987, -0.6226, -0.2651

Deuteranopia

22.1998, 1.3260, 8.0999



Tritanopia

21.4724, 31.7828, 12.3233

Trichromacy



Original Color

21.0474, 36.7164, 6.3308

Protanomaly

19.4027, 14.7536, -0.4296

Deuteranomaly

19.8812, 16.1669, 5.7179

Tritanomaly

21.1763, 33.4698, 10.5588

Monochromacy



Original Color

21.0474, 36.7164, 6.3308

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.4599, 13.8455, 0.6302

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0474, 36.7164, 6.3308 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(123, 1, 46)` looks like.

```
.text, #text, p{  
    color:rgb(123, 1, 46)  
}
```

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(123, 1, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 1, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0474, 36.7164, 6.3308 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(123, 1, 46) }
```


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

```
.border{ border-color:rgb(123, 1, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 1, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 1, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 1, 46);  
box-shadow:4px 4px 4px 4px rgb(123, 1, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0474, 36.7164, 6.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 1, 46) }
```

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

```
.background{ background-color: rgb(123, 1,  
46) }
```

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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