

Converting Colors

HunterLab(47.0579, 1.7514,
-24.7128)

Have a look what the booklet for
HunterLab(47.0579, 1.7514,
-24.7128) contains.

HunterLab(47.0567, 1.7530, -24.7081)	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(47.0567, 1.7530,
-24.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	6C81B3
RGB	108, 129, 179
RGB Percent	42%, 51%, 70%
CMY	0.5765, 0.4941, 0.2980
CMYK	0.40, 0.28, 0.00, 0.30
HSL	222°, 32%, 56%
HSV	222°, 40%, 70%
XYZ	22.1713, 22.1433, 45.7533
YIQ	128.4210, -28.5660, 11.0980

Conversions

Conversions Part 2

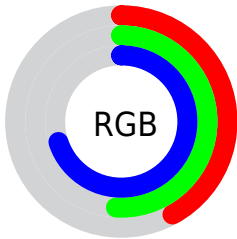
Format	Color
R_{YB}	108, 124, 179
Decimal	7111091
CIE _{Lab}	54.18, 5.29, -28.80
CIE _{LCh}	54, 29.286, 280.416
Yxy	22.1442, 0.2462, 0.2459
Android (android.graphics.Color)	4285301171 (0xFF6C81B3)
YUV	128.4210, 24.9354, -17.9092
Hunter-Lab	47.0567, 1.7530, -24.7081

Details

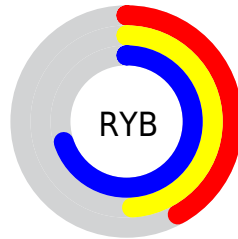
The HunterLab color $47.0567, 1.7530, -24.7081$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $59.2628, -2.7335, 22.2749$, and the grayscale version is $46.5402, -2.4833, 2.5286$.

A 20% lighter version of the original color is $68.6553, 1.0723, -25.5520$, and $28.4331, 2.1315, -23.6022$ is the 20% darker color. If you saturate the color by 10%, you get $42.4452, 4.1707, -33.3460$, and if you desaturate by 10%, it is $51.8773, -0.1493, -16.7782$.

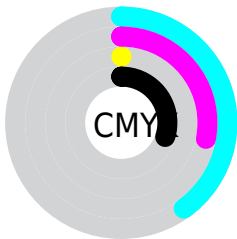
Distribution



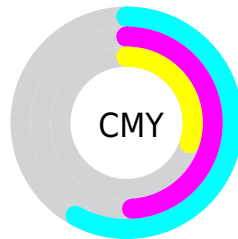
- Red (42%)
- Green (51%)
- Blue (70%)



- Red (42%)
- Yellow (49%)
- Blue (70%)



- Cyan (40%)
- Magenta (28%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0567, 1.7530, -24.7081 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 47.0567, 1.7530, -24.7081 by changing the saturation by 10% instead.

■ 47.0567, 1.7530,
-24.7081

■ 47.0567, 1.7530,
-24.7081

■ 162.2647, -2.2844,
-27.4800

■ 37.3669, 1.9661,
-24.1484

■ 68.5450, 1.1563,
-25.6982

■ 28.4514, 2.1128,
-23.5809

■ 80.2569, 0.7839,
-26.1140

■ 20.3855, 2.1813,
-23.0766

■ 92.5689, 0.3675,
-26.4739

■ 13.2704, 2.1538,
-22.8324

■ 105.4531, -0.0900,
-26.7787

■ 6.8023, 3.0285,
-25.7510

■ 118.8851, -0.5859,
-27.0299

0.0000, NaN, -NF

0.0000, NaN, -NF

132.8435, -1.1182,

-27.2292

0.0000, NaN, NaN

147.3091, -1.6849,
-27.3786

0.0000, NaN, NaN

■ 47.0567, 1.7530,
-24.7081

■ 47.0567, 1.7530,
-24.7081

■ 42.4452, 4.1707,
-33.3460

■ 51.8773, -0.1493,
-16.7782

■ 38.0773, 7.2154,
-42.8179

■ 56.8754, -1.6286,
-9.4409

■ 34.0018, 11.0074,
-53.2224

■ 62.0293, -2.7609,
-2.5909

■ 30.2796, 15.6539,
-64.5765

■ 67.3211, -3.6068,
3.8594

■ 26.9844, 21.1917,
-76.7079

■ 72.7365, -4.2145,
9.9821

■ 24.1629, 27.4088,
-89.2794

■ 78.2636, -4.6223,
15.8358

■ 24.0744, 27.6203,
-89.7151

■ 83.8929, -4.8610,
21.4684

■ 89.6163, -4.9552,
26.9184

■ 93.9624, -10.0572,
30.8123

Harmonies

Analogous

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



47.0576, -10.0361, -23.3197



47.0567, 1.7530, -24.7081



47.0576, 13.4835, -17.5173

Triad

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



47.0576, 1.7527, -24.7071



47.0576, 16.4741, 14.7358



47.0576, -22.4278, 9.3714

Complementary

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



47.0567, 1.7530, -24.7081



59.2628, -2.7335, 22.2749

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.



47.0576, -16.6231, 16.4509



47.0567, 1.7530, -24.7081



47.0576, 5.5138, 18.9647

Square

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



47.0576, 1.7527, -24.7071



47.0576, 22.5328, 6.3776



47.0576, -6.6328, 19.5015



47.0576, -23.2166, -1.6036

Rectangle

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



47.0567, 1.7530, -24.7081



47.0576, 19.3970, -9.6815



47.0576, -6.6328, 19.5015



47.0576, -21.0283, 12.2020

Sweetspot

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



47.0576, 1.7527, -24.7071



81.2420, -3.3492, -5.7403



61.5526, -25.2106, 6.4580



37.8215, -1.4897, -3.2484



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



47.0576, 1.7527, -24.7071



57.3173, 5.2752, -43.5991



42.5827, 15.8330, -32.8647



29.3705, -1.3193, -1.1155



20.4843, 22.5175, -74.2123



4.8589, 1.1503, -8.5564

Inverse Universe

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



46.7917, 24.6082, 2.9462



57.5135, 41.7831, 4.8300



64.2661, -17.1888, 26.2099



29.2323, 1.3351, 1.4523



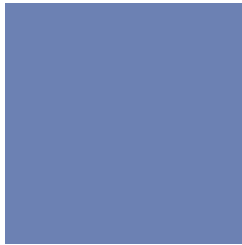
26.3889, 45.9171, 11.4290



4.7918, 8.5510, 0.4226

Previews

White Background



This preview shows how the HunterLab color 47.0567, 1.7530, -24.7081 looks on a white background.

Color Contrast Check

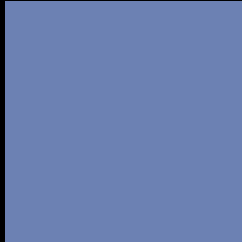
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.0567, 1.7530, -24.7081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

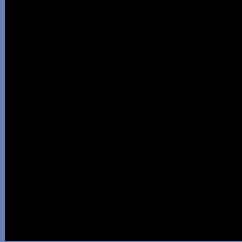
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

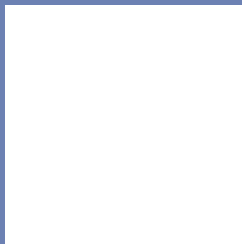
Any Text WCAG AAA × Fail

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

HunterLab 47.0567, 1.7530, -24.7081 Background



This preview shows how black text looks on a background with the HunterLab color 47.0567, 1.7530, -24.7081.



This preview shows how white text looks on a background with the HunterLab color 47.0567, 1.7530,

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

47.0567, 1.7530, -24.7081

Protanopia

47.1488, 3.4083, -23.8530

Deuteranopia

47.1208, 3.4000, -24.5667



Tritanopia

47.0240, -9.7601, -5.4825

Trichromacy



Original Color

47.0567, 1.7530, -24.7081

Protanomaly

47.0079, 2.9352, -24.1069

Deuteranomaly

46.9814, 2.9319, -24.8200

Tritanomaly

47.0396, -5.8467, -11.8888

Monochromacy



Original Color

47.0567, 1.7530, -24.7081

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.4864, -1.2109, -6.5830

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0567, 1.7530, -24.7081 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(108, 129, 179)` looks like.

```
.text, #text, p{  
    color:rgb(108, 129, 179)  
}
```

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(108, 129, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 129, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0567, 1.7530, -24.7081 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(108, 129, 179) }
```


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

```
.border{ border-color:rgb(108, 129, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 129, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 129, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 129, 179);  
box-shadow:4px 4px 4px 4px rgb(108, 129,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0567, 1.7530, -24.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 129, 179) }
```

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

```
.background{ background-color: rgb(108,  
129, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor