

Converting Colors

HunterLab(21.0460, 15.7892,
-14.5761)

Have a look what the booklet for
HunterLab(21.0460, 15.7892,
-14.5761) contains.

HunterLab(21.0114, 15.6770, -14.7073)	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(21.0114, 15.6770,
-14.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	502E5B
RGB	80, 46, 91
RGB Percent	31%, 18%, 36%
CMY	0.6863, 0.8196, 0.6431
CMYK	0.12, 0.49, 0.00, 0.64
HSL	285°, 33%, 27%
HSV	285°, 49%, 36%
XYZ	6.1736, 4.4148, 10.4243
YIQ	61.2960, 5.8190, 21.2030

Conversions

Conversions Part 2

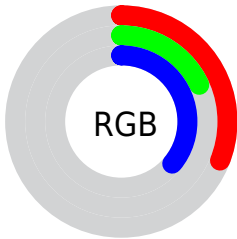
Format	Color
R_{YB}	80, 46, 91
Decimal	5254747
CIE _{Lab}	25.00, 24.27, -20.81
CIE _{LCh}	25, 31.970, 319.395
Yxy	4.4150, 0.2938, 0.2101
Android (android.graphics.Color)	4283444827 (0xFF502E5B)
YUV	61.2960, 14.6441, 16.4034
Hunter-Lab	21.0114, 15.6770, -14.7073

Details

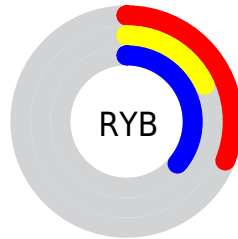
The HunterLab color **21.0114, 15.6770, -14.7073** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **29.2394, -15.0181, 12.5126**, and the grayscale version is **21.6544, -1.1554, 1.1765**.

A 20% lighter version of the original color is **38.0757, 17.4143, -15.4724**, and **7.4246, 14.5152, -14.9961** is the 20% darker color. If you saturate the color by 10%, you get **19.1902, 19.1615, -18.4193**, and if you desaturate by 10%, it is **23.0247, 12.1038, -11.0874**.

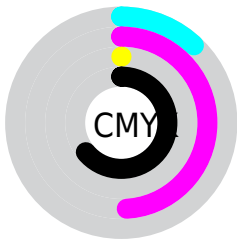
Distribution



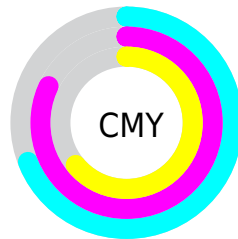
- Red (31%)
- Green (18%)
- Blue (36%)



- Red (31%)
- Yellow (18%)
- Blue (36%)



- Cyan (12%)
- Magenta (49%)
- Yellow (0%)
- Black (64%)



- Cyan (69%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0114, 15.6770, -14.7073 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 21.0114, 15.6770, -14.7073 by changing the saturation by 10% instead.

■ 21.0114, 15.6770,
-14.7073

■ 21.0114, 15.6770,
-14.7073

■ 120.0086, 20.9916,
-16.9124

■ 13.8141, 14.4953,
-14.2449

■ 38.1321, 17.5852,
-15.6166

■ 7.4388, 14.5745,
-14.8946

■ 47.8835, 18.3460,
-15.9879

0.0000, INF, -NF

■ 58.3483, 18.9985,
-16.2937

0.0000, NaN, NaN

■ 69.4807, 19.5548,
-16.5350

0.0000, NaN, NaN

■ 81.2428, 20.0248,
-16.7144

0.0000, NaN, NaN

■ 93.6027, 20.4167,

0.0000, NaN, NaN

0.0000, NaN, NaN

-16.8350

0.0000, NaN, NaN

106.5326, 20.7370,
-16.9000

■ 21.0114, 15.6770,
-14.7073

■ 21.0114, 15.6770,
-14.7073

■ 19.1902, 19.1615,
-18.4193

■ 23.0247, 12.1038,
-11.0874

■ 17.5917, 22.4236,
-22.1258

■ 25.2003, 8.5256,
-7.6090

■ 16.2491, 25.2677,
-25.6595

■ 27.5151, 4.9859,
-4.2856

■ 15.1897, 27.4587,
-28.7929

■ 29.9492, 1.5046,
-1.1132

■ 14.2373, 29.4904,
-31.9286

■ 32.4870, -1.9125,
1.9213

■ 14.1832, 29.6146,
-32.1168

■ 35.1154, -5.2674,
4.8343

■ 37.8241, -8.5654,
7.6424

■ 40.6045, -11.8136,
10.3612

■ 43.4496, -15.0193,
13.0045

Harmonies

Analogous

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



21.0118, 5.6963, -24.6756



21.0114, 15.6770, -14.7073



21.0118, 21.4767, -2.5331

Triad

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



21.0118, 15.6765, -14.7066



21.0118, 2.5582, 12.4047



21.0118, -16.4347, -5.9320

Complementary

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



21.0114, 15.6770, -14.7073



29.2394, -15.0181, 12.5126

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.



21.0118, -16.9581, 4.2567



21.0114, 15.6770, -14.7073



21.0118, -7.1689, 12.1545

Square

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



21.0118, 15.6765, -14.7066



21.0118, 13.0106, 10.8680



21.0118, -13.8860, 9.9422



21.0118, -12.2899, -18.1765

Rectangle

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



21.0114, 15.6770, -14.7073



21.0118, 21.5752, 3.9318



21.0118, -13.8860, 9.9422



21.0118, -17.0060, -2.0879

Sweetspot

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



21.0118, 15.6765, -14.7066



37.2289, 4.6952, -3.9275



20.7060, 2.4775, -15.5386



18.1009, 2.6006, -2.1985



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.0118, 15.6765, -14.7066



24.7874, 25.6625, -24.7539



21.8032, 16.9440, -6.7753



15.3517, 0.6603, -0.4716



17.1762, 35.9246, -39.3645



39.6590, 83.3564, -94.0548

Inverse Universe

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



21.1512, 13.8745, 2.4249



25.1118, 22.8125, 4.0618



28.9155, -15.9538, 9.5335



15.3499, 0.4838, 0.8487



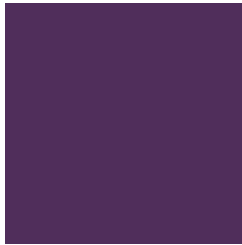
18.3598, 31.8677, 8.5610



42.8200, 74.0433, 22.1447

Previews

White Background



This preview shows how the HunterLab color 21.0114, 15.6770, -14.7073 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 21.0114, 15.6770, -14.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

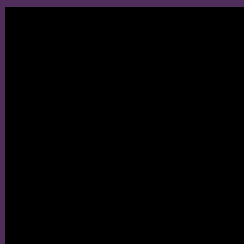
Any Text WCAG AA × Fail

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 21.0114, 15.6770, -14.7073 Background



This preview shows how black text looks on a background with the HunterLab color 21.0114, 15.6770, -14.7073.



This preview shows how white text looks on a background with the HunterLab color 21.0114, 15.6770, -14.7073.

-14.7073.

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

21.0114, 15.6770, -14.7073

Protanopia

21.1112, 3.8584, -22.2272

Deuteranopia

21.0638, 1.2530, -12.9861



Tritanopia

21.0705, 5.3533, 1.8134

Trichromacy



Original Color

21.0114, 15.6770, -14.7073

Protanomaly

20.8144, 7.3054, -19.9616

Deuteranomaly

20.7109, 6.2112, -14.1857

Tritanomaly

20.9467, 8.9331, -3.3374

Monochromacy



Original Color

21.0114, 15.6770, -14.7073

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.2724, 4.4584, -3.9018

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0114, 15.6770, -14.7073 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(80, 46, 91)` looks like.

```
.text, #text, p{  
    color:rgb(80, 46, 91)  
}
```

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(80, 46, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 46, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0114, 15.6770, -14.7073 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(80, 46, 91) }
```


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

```
.border{ border-color:rgb(80, 46, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 46, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 46, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 46, 91);  
box-shadow:4px 4px 4px 4px rgb(80, 46, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0114, 15.6770, -14.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 46, 91) }
```

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

```
.background{ background-color: rgb(80, 46,  
91) }
```

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