

Converting Colors

HunterLab(20.7151, 34.0276,
8.1964)

Have a look what the booklet for
HunterLab(20.7151, 34.0276,
8.1964) contains.

HunterLab(20.7525, 34.0629, 8.1450)	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(20.7525, 34.0629,
8.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	780826
RGB	120, 8, 38
RGB Percent	47%, 3%, 15%
CMY	0.5294, 0.9686, 0.8510
CMYK	0.00, 0.93, 0.68, 0.53
HSL	344°, 87%, 25%
HSV	344°, 93%, 47%
XYZ	8.1824, 4.3067, 2.2337
YIQ	44.9080, 57.1220, 33.0740

Conversions

Conversions Part 2

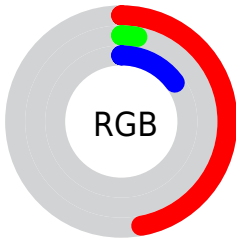
Format	Color
R_{YB}	120, 8, 38
Decimal	7866406
CIE Lab	24.66, 45.51, 15.35
CIE LCh	25, 48.033, 18.643
Yxy	4.3069, 0.5558, 0.2925
Android (android.graphics.Color)	4286056486 (0xFF780826)
YUV	44.9080, -3.4056, 65.8557
Hunter-Lab	20.7525, 34.0629, 8.1450

Details

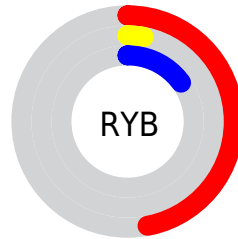
The HunterLab color **20.7525, 34.0629, 8.1450** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **37.7133, -24.9970, 7.5898**, and the grayscale version is **16.1687, -0.8627, 0.8785**.

A 20% lighter version of the original color is **37.8555, 37.5421, 11.4811**, and **10.6010, 18.1546, 6.8501** is the 20% darker color. If you saturate the color by 10%, you get **20.2436, 35.1865, 9.0601**, and if you desaturate by 10%, it is **21.6733, 32.1170, 6.6218**.

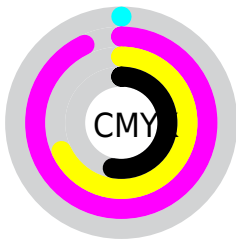
Distribution



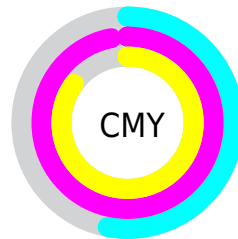
- Red (47%)
- Green (3%)
- Blue (15%)



- Red (47%)
- Yellow (3%)
- Blue (15%)



- Cyan (0%)
- Magenta (93%)
- Yellow (68%)
- Black (53%)



- Cyan (53%)
- Magenta (97%)
- Yellow (85%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7525, 34.0629, 8.1450 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 20.7525, 34.0629, 8.1450 by changing the saturation by 10% instead.

20.7525, 34.0629,
8.1450

20.7525, 34.0629,
8.1450

119.5455, 46.8656,
21.2365

13.5893, 32.2373,
6.4856

37.8164, 37.6532,
11.3095

7.1835, 33.4724,
5.0285

47.5428, 39.2922,
12.7915

0.0000, INF, NaN

0.0000, NaN, NaN

57.9843, 40.8141,
14.2365

0.0000, NaN, NaN

69.0948, 42.2229,
15.6570

0.0000, NaN, NaN

80.8363, 43.5255,
17.0618

0.0000, NaN, NaN


0.0000, NaN, NaN


93.1765, 44.7291,


18.4571


0.0000, NaN, NaN


 106.0876, 45.8403,
19.8475


 20.7525, 34.0629,
8.1450


 20.7525, 34.0629,
8.1450


 20.2436, 35.1865,
9.0601

 21.6733, 32.1170,
6.6218

 23.0394, 29.1457,
5.2190

 24.8388, 25.3955,
4.0434

 27.0289, 21.1696,
3.1428

 29.5585, 16.7175,
2.5210

■ 32.3771, 12.2080,
2.1553

■ 35.4403, 7.7389,
2.0122

■ 38.7107, 3.3583,
2.0569

■ 42.1580, -0.9162,
2.2580

Harmonies

Analogous

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



20.7531, 35.5822, -5.0576



20.7525, 34.0629, 8.1450



20.7531, 21.6919, 13.2358

Triad

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



20.7531, 34.0605, 8.1455



20.7531, -18.6741, 12.3737



20.7531, -6.5068, -48.0659

Complementary

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



20.7525, 34.0629, 8.1450



37.7133, -24.9970, 7.5898

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.



20.7531, -16.9814, -31.9931



20.7525, 34.0629, 8.1450



20.7531, -22.5472, 5.8536

Square

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



20.7531, 34.0605, 8.1455



20.7531, -9.5755, 14.5272



20.7531, -22.0317, -9.7424



20.7531, 8.9801, -45.5684

Rectangle

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



20.7525, 34.0629, 8.1450



20.7531, 10.5211, 14.5272



20.7531, -22.0317, -9.7424



20.7531, -10.6336, -44.3634

Sweetspot

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



20.7531, 34.0605, 8.1455



44.7852, 13.4307, 2.7365



19.0208, 37.3525, -43.0139



21.1080, 7.5708, 1.3752



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.7531, 34.0605, 8.1455



26.8101, 46.5273, 12.5624



22.4913, 26.6199, 13.7185



20.0775, 0.7673, 1.0624



21.1391, 36.7330, 9.5382



46.0348, 79.7320, 22.8011

Inverse Universe

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



20.7531, 34.0605, 8.1455



26.8101, 46.5273, 12.5624



31.1855, -10.7919, -14.7553



20.0775, 0.7673, 1.0624



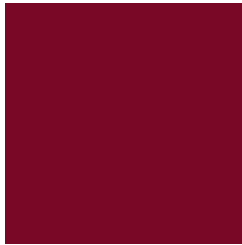
21.1391, 36.7330, 9.5382



46.0348, 79.7320, 22.8011

Previews

White Background



This preview shows how the HunterLab color 20.7525, 34.0629, 8.1450 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

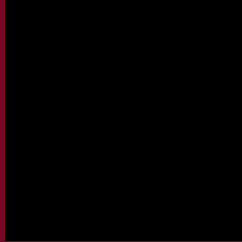
Any Text WCAG AA × Fail

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 20.7525, 34.0629, 8.1450 Background



This preview shows how black text looks on a background with the HunterLab color 20.7525, 34.0629, 8.1450.



This preview shows how white text looks on a background with the HunterLab color 20.7525, 34.0629,

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

20.7525, 34.0629, 8.1450

Protanopia

21.7094, -1.0169, 3.1415

Deuteranopia

21.7441, 0.7467, 9.6856



Tritanopia

20.8742, 30.9771, 12.1212

Trichromacy



Original Color

20.7525, 34.0629, 8.1450

Protanomaly

19.3972, 12.4211, 3.2881

Deuteranomaly

19.6398, 14.3630, 7.7847

Tritanomaly

20.7313, 31.9079, 11.0149

Monochromacy



Original Color

20.7525, 34.0629, 8.1450

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.0559, 12.0019, 2.0148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7525, 34.0629, 8.1450 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(120, 8, 38)` looks like.

```
.text, #text, p{  
    color:rgb(120, 8, 38)  
}
```

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(120, 8, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 8, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7525, 34.0629, 8.1450 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(120, 8, 38) }
```


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

```
.border{ border-color:rgb(120, 8, 38) }
```

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

Here you see how a box with a 4 pixel rgb(120, 8, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 8, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 8, 38);  
box-shadow:4px 4px 4px 4px rgb(120, 8, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7525, 34.0629, 8.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 8, 38) }
```

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

```
.background{ background-color: rgb(120, 8,  
38) }
```

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