

Converting Colors

HunterLab(20.7598, 48.3173,
-85.5918)

Have a look what the booklet for
HunterLab(20.7598, 48.3173,
-85.5918) contains.

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Color

**HunterLab(20.7524, 48.2810,
-85.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	4F00A3
RGB	79, 0, 163
RGB Percent	31%, 0%, 64%
CMY	0.6902, 1.0000, 0.3608
CMYK	0.52, 1.00, 0.00, 0.36
HSL	269°, 100%, 32%
HSV	269°, 100%, 64%
XYZ	9.8353, 4.3066, 34.9633
YIQ	42.2030, -5.2390, 67.4410

Conversions

Conversions Part 2

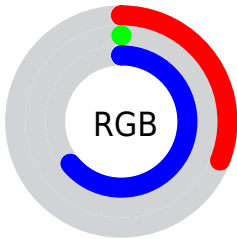
Format	Color
R_{YB}	79, 0, 163
Decimal	5177507
CIE _{Lab}	24.66, 59.48, -66.85
CIE _{LCh}	25, 89.482, 311.661
Yxy	4.3068, 0.2003, 0.0877
Android (android.graphics.Color)	4283367587 (0xFF4F00A3)
YUV	42.2030, 59.5529, 32.2710
Hunter-Lab	20.7524, 48.2810, -85.3640

Details

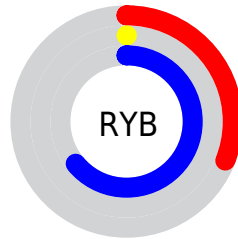
The HunterLab color **20.7524, 48.2810, -85.3640** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **52.9898, -36.2981, 32.0166**, and the grayscale version is **15.0961, -0.8055, 0.8202**.

A 20% lighter version of the original color is **37.8131, 52.5860, -80.8613**, and **10.6103, 28.7805, -75.3908** is the 20% darker color. If you saturate the color by 10%, you get **20.7528, 48.2816, -85.3622**, and if you desaturate by 10%, it is **22.5158, 45.9710, -76.5650**.

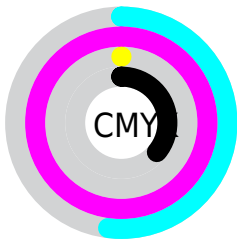
Distribution



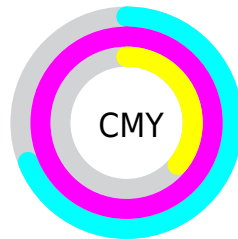
- Red (31%)
- Green (0%)
- Blue (64%)



- Red (31%)
- Yellow (0%)
- Blue (64%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7524, 48.2810, -85.3640 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 20.7524, 48.2810, -85.3640 by changing the saturation by 10% instead.

20.7524, 48.2810,
-85.3640

20.7524, 48.2810,
-85.3640

119.5449, 64.9015,
-84.6023

13.5890, 46.5152,
-92.3715

37.8160, 52.4812,
-81.0524

7.1832, 49.3511,
-115.8554

47.5424, 54.5469,
-80.7321

0.0000, INF, -NF

0.0000, NaN, -NF

57.9838, 56.5234,
-80.9320

0.0000, NaN, -NF

69.0943, 58.3988,
-81.4342

0.0000, NaN, -NF

80.8358, 60.1712,
-82.1144

0.0000, NaN, NaN

0.0000, NaN, NaN

93.1759, 61.8430,

-82.8978

0.0000, NaN, NaN

106.0870, 63.4182,
-83.7373

20.7524, 48.2810,
-85.3640

20.7524, 48.2810,
-85.3640

20.7528, 48.2816,
-85.3622

22.5158, 45.9710,
-76.5650

24.8719, 42.2142,
-66.5352

27.9067, 37.1139,
-55.7720

31.5157, 31.3443,
-45.2190

35.5934, 25.3535,
-35.3429

■ 40.0513, 19.3773,
-26.2763

■ 44.8196, 13.5164,
-17.9835

■ 49.8455, 7.8000,
-10.3648

■ 55.0889, 2.2239,
-3.3086

Harmonies

Analogous

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



20.7528, 10.9552, -138.0888



20.7524, 48.2810, -85.3640



20.7528, 78.8973, -22.3621

Triad

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



20.7528, 48.2816, -85.3622



20.7528, 18.7316, 14.5270



20.7528, -32.3990, -12.1444

Complementary

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



20.7524, 48.2810, -85.3640



52.9898, -36.2981, 32.0166

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.



20.7528, -31.8326, 11.6563



20.7524, 48.2810, -85.3640



20.7528, -10.9224, 14.5270

Square

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



20.7528, 48.2816, -85.3622



20.7528, 56.5034, 14.5270



20.7528, -26.1664, 14.5270



20.7528, -27.9843, -70.0870

Rectangle

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



20.7524, 48.2810, -85.3640



20.7528, 84.9888, 2.5622



20.7528, -26.1664, 14.5270



20.7528, -32.7789, -0.4130

Sweetspot

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



20.7528, 48.2816, -85.3622



59.6152, 18.5198, -24.6588



30.0312, 5.6834, -49.8053



27.0211, 10.2603, -13.7520



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



20.7528, 48.2816, -85.3622



27.5587, 64.3791, -115.3993



31.8547, 62.8532, -43.7647



26.4962, 0.8695, -1.3424



18.3685, 42.6447, -74.8592



3.1466, 6.7610, -8.6048

Inverse Universe

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



29.0286, 51.9172, 1.6665



38.7952, 69.2875, 2.9786



51.1977, -43.8140, 30.7807



26.7284, 1.4360, 0.6542



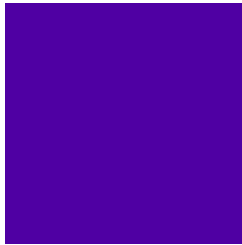
25.6090, 45.8346, 1.2123



3.8382, 7.0982, -1.5910

Previews

White Background



This preview shows how the HunterLab color 20.7524, 48.2810, -85.3640 looks on a white background.

Color Contrast Check

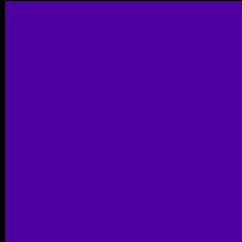
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7524, 48.2810, -85.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

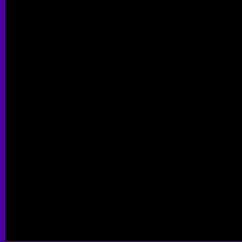
Any Text WCAG AA × Fail

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 20.7524, 48.2810, -85.3640 Background



This preview shows how black text looks on a background with the HunterLab color 20.7524, 48.2810, -85.3640.



This preview shows how white text looks on a background with the HunterLab color 20.7524, 48.2810, -85.3640.

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

20.7524, 48.2810, -85.3640

Protanopia

21.4676, 6.2145, -40.2481

Deuteranopia

21.4862, -0.7866, -25.1578



Tritanopia

21.6529, -3.1296, -2.1290

Trichromacy



Original Color

20.7524, 48.2810, -85.3640

Protanomaly

18.7390, 23.0266, -65.3337

Deuteranomaly

18.1964, 18.1485, -53.8927

Tritanomaly

18.6787, 16.3499, -28.9352

Monochromacy



Original Color

20.7524, 48.2810, -85.3640

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.0598, 16.8746, -25.0863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7524, 48.2810, -85.3640 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(79, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 163)  
}
```

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(79, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7524, 48.2810, -85.3640 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(79, 0, 163) }
```


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

```
.border{ border-color:rgb(79, 0, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 0, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(79, 0, 163)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7524, 48.2810, -85.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 163) }
```

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

```
.background{ background-color: rgb(79, 0,  
163) }
```

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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