

Converting Colors

HunterLab(20.8524, 24.0899,
-76.1586)

Have a look what the booklet for
HunterLab(20.8524, 24.0899,
-76.1586) contains.

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Color

**HunterLab(20.8524, 24.0899,
-76.1586)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2D9C
RGB	11, 45, 156
RGB Percent	4%, 18%, 61%
CMY	0.9568, 0.8235, 0.3882
CMYK	0.93, 0.71, 0.00, 0.39
HSL	226°, 87%, 33%
HSV	226°, 93%, 61%
XYZ	7.0772, 4.3482, 31.9188
YIQ	47.4880, -55.8950, 27.3130

Conversions

Conversions Part 2

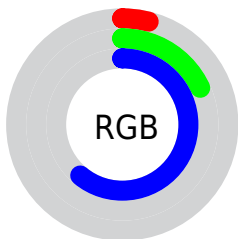
Format	Color
R_{YB}	11, 39, 156
Decimal	732572
CIE _{Lab}	24.79, 34.53, -62.53
CIE _{LCh}	25, 71.431, 298.908
Yxy	4.3483, 0.1633, 0.1003
Android (android.graphics.Color)	4278922652 (0xFF0B2D9C)
YUV	47.4880, 53.4964, -32.0000
Hunter-Lab	20.8524, 24.0899, -76.1586

Details

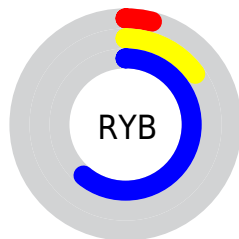
The HunterLab color **20.8524, 24.0899, -76.1586** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.8448, 0.4991, 27.8477**, and the grayscale version is **16.8655, -0.8999, 0.9163**.

A 20% lighter version of the original color is **37.9596, 26.8714, -73.4272**, and **10.3252, 25.0049, -66.8841** is the 20% darker color. If you saturate the color by 10%, you get **19.2253, 28.0864, -84.6603**, and if you desaturate by 10%, it is **23.5560, 18.6651, -64.3240**.

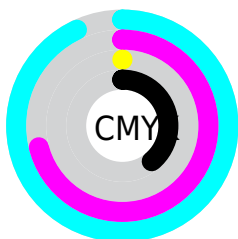
Distribution



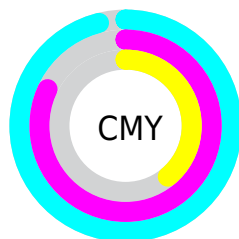
- Red (4%)
- Green (18%)
- Blue (61%)



- Red (4%)
- Yellow (15%)
- Blue (61%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (39%)



- Cyan (96%)
- Magenta (82%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8524, 24.0899, -76.1586 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 20.8524, 24.0899, -76.1586 by changing the saturation by 10% instead.

■ 20.8524, 24.0899,
-76.1586

■ 20.8524, 24.0899,
-76.1586

■ 119.7236, 33.2619,
-77.2558

■ 13.6757, 22.4994,
-81.6242

■ 37.9378, 26.9200,
-73.1210

■ 7.2828, 22.9142,
-100.3968

■ 47.6738, 28.1373,
-73.0798

0.0000, INF, -NF

0.0000, NaN, -NF

■ 58.1243, 29.2348,
-73.4482

0.0000, NaN, -NF

■ 69.2432, 30.2231,
-74.0483

0.0000, NaN, -NF

■ 80.9926, 31.1120,
-74.7793

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3404, 31.9101,

-75.5804

0.0000, NaN, NaN

106.2588, 32.6246,
-76.4140

20.8524, 24.0899,
-76.1586

20.8524, 24.0899,
-76.1586

19.2253, 28.0864,
-84.6603

23.5560, 18.6651,
-64.3240

26.7201, 13.9375,
-53.0823

30.2562, 9.9732,
-42.8162

34.0921, 6.7044,
-33.5748

38.1726, 4.0224,
-25.2603

■ 42.4561, 1.8196,
-17.7305

■ 46.9115, 0.0037,
-10.8453

■ 51.5149, -1.5000,
-4.4828

■ 56.2479, -2.7507,
1.4578

Harmonies

Analogous

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



20.8526, -1.9291, -95.6167



20.8524, 24.0899, -76.1586



20.8526, 50.1463, -33.0994

Triad

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



20.8526, 24.0916, -76.1582



20.8526, 26.1517, 14.5968



20.8526, -29.0844, 1.9017

Complementary

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



20.8524, 24.0899, -76.1586



45.8448, 0.4991, 27.8477

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.



20.8526, -26.6818, 13.4328



20.8524, 24.0899, -76.1586



20.8526, -0.2857, 14.5968

Square

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



20.8526, 24.0916, -76.1582



20.8526, 51.6478, 12.9642



20.8526, -18.1321, 14.5968



20.8526, -27.0271, -30.0216

Rectangle

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



20.8524, 24.0899, -76.1586



20.8526, 60.3106, -8.3984



20.8526, -18.1321, 14.5968



20.8526, -28.7996, 7.5847

Sweetspot

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



20.8526, 24.0916, -76.1582



59.8210, 1.3228, -19.7351



50.1981, -33.0778, 9.4566



26.9388, 1.1056, -11.0474



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



20.8526, 24.0916, -76.1582



25.4122, 39.4549, -116.9349



18.0303, 40.7703, -91.6033



25.8362, -0.9640, -1.0939



17.5807, 25.0725, -76.0988



3.3643, 0.8664, -6.0753

Inverse Universe

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



27.3812, 45.3314, 12.2903



36.1236, 62.4492, 18.7971



52.7038, -25.6427, 31.6699



25.8270, 1.0646, 1.4639



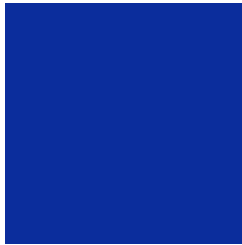
24.3603, 42.1792, 12.1635



3.3459, 5.9649, 0.3417

Previews

White Background



This preview shows how the HunterLab color 20.8524, 24.0899, -76.1586 looks on a white background.

Color Contrast Check

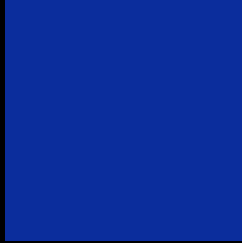
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8524, 24.0899, -76.1586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

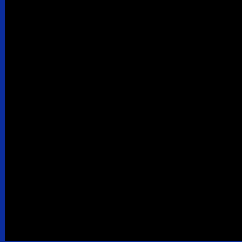
Any Text WCAG AA × Fail

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 20.8524, 24.0899, -76.1586 Background



This preview shows how black text looks on a background with the HunterLab color 20.8524, 24.0899, -76.1586.



This preview shows how white text looks on a background with the HunterLab color 20.8524, 24.0899, -76.1586.

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

20.8524, 24.0899, -76.1586

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.7287, -1.2532, -23.2038



Tritanopia

20.7993, -10.4605, -3.4161

Trichromacy



Original Color

20.8524, 24.0899, -76.1586

Protanomaly

20.6530, 11.8836, -50.7688

Deuteranomaly

20.4042, 7.4133, -40.7993

Tritanomaly

19.9788, -0.0103, -24.2268

Monochromacy



Original Color

20.8524, 24.0899, -76.1586

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.2690, 4.4784, -20.2381

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8524, 24.0899, -76.1586 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(11, 45, 156)` looks like.

```
.text, #text, p{  
    color:rgb(11, 45, 156)  
}
```

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(11, 45, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 45, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8524, 24.0899, -76.1586 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(11, 45, 156) }
```


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

```
.border{ border-color:rgb(11, 45, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 45, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 45, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 45, 156);  
box-shadow:4px 4px 4px 4px rgb(11, 45,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8524, 24.0899, -76.1586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 45, 156) }
```

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

```
.background{ background-color: rgb(11, 45,  
156) }
```

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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