

Converting Colors

HunterLab(32.3740, 20.3146,
-84.3180)

Have a look what the booklet for
HunterLab(32.3740, 20.3146,
-84.3180) contains.

HunterLab(32.4748, 20.0788, -83.9352)	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(32.4748, 20.0788,
-83.9352)**

Conversions

Conversions Part 1

Format	Color
Hex	0053CC
RGB	0, 83, 204
RGB Percent	0%, 33%, 80%
CMY	0.9998, 0.6745, 0.2000
CMYK	1.00, 0.59, 0.00, 0.20
HSL	216°, 100%, 40%
HSV	216°, 100%, 80%
XYZ	13.9923, 10.5461, 58.4248
YIQ	71.9770, -88.3090, 20.0350

Conversions

Conversions Part 2

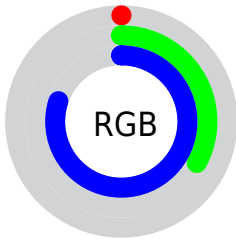
Format	Color
R_{YB}	0, 59, 204
Decimal	21452
CIE _{Lab}	38.81, 27.78, -68.03
CIE _{LCh}	39, 73.483, 292.215
Yxy	10.5464, 0.1687, 0.1271
Android (android.graphics.Color)	4278211532 (0xFF0053CC)
YUV	71.9770, 65.0873, -63.1238
Hunter-Lab	32.4748, 20.0788, -83.9352

Details

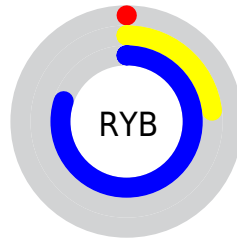
The HunterLab color **32.4748, 20.0788, -83.9352** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **51.5008, 19.9009, 32.0815**, and the grayscale version is **25.2517, -1.3474, 1.3720**.

A 20% lighter version of the original color is **51.4119, 19.5930, -77.0821**, and **19.2029, 23.8745, -75.5402** is the 20% darker color. If you saturate the color by 10%, you get **32.4685, 20.0939, -83.9597**, and if you desaturate by 10%, it is **35.6594, 14.1741, -72.7624**.

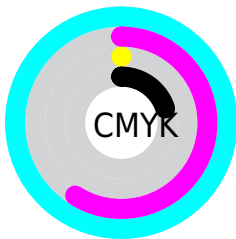
Distribution



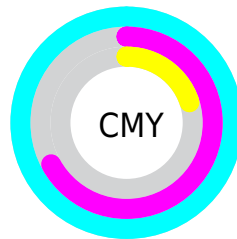
- Red (0%)
- Green (33%)
- Blue (80%)



- Red (0%)
- Yellow (23%)
- Blue (80%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.4748, 20.0788, -83.9352 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 32.4748, 20.0788, -83.9352 by changing the saturation by 10% instead.

■ 32.4748, 20.0788,
-83.9352

■ 32.4748, 20.0788,
-83.9352

■ 139.4734, 25.5760,
-87.8864

■ 24.0056, 18.9441,
-86.2714

■ 51.7863, 21.9580,
-82.8906

■ 16.4357, 17.6595,
-91.5536

■ 62.5101, 22.7270,
-83.1936

■ 9.8887, 16.2424,
-104.0711

■ 73.8864, 23.3986,
-83.7564

0.0000, INF, -NF

■ 85.8796, 23.9821,
-84.4734

0.0000, NaN, -NF

■ 98.4596, 24.4855,
-85.2798

0.0000, NaN, -NF

111.6001, 24.9153,

0.0000, NaN, NaN

-86.1342

0.0000, NaN, NaN

125.2781, 25.2772,
-87.0091

■ 32.4748, 20.0788,
-83.9352

■ 32.4748, 20.0788,
-83.9352

■ 32.4685, 20.0939,
-83.9597

■ 35.6594, 14.1741,
-72.7624

■ 39.2250, 9.1110,
-62.0196

■ 43.1585, 5.0082,
-51.7979

■ 47.4138, 1.8058,
-42.1884

■ 51.9484, -0.5974,
-33.2005

■ 56.7256, -2.3117,
-24.7959

■ 61.7146, -3.4402,
-16.9146

■ 66.8898, -4.0733,
-9.4905

■ 72.2303, -4.2873,
-2.4596

Harmonies

Analogous

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



32.4751, -8.4100, -93.6195



32.4748, 20.0788, -83.9352



32.4751, 49.7084, -44.7468

Triad

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



32.4751, 20.0806, -83.9344



32.4751, 36.1538, 21.6053



32.4751, -38.5894, 7.7198

Complementary

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



32.4748, 20.0788, -83.9352



51.5008, 19.9009, 32.0815

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.



32.4751, -33.1983, 19.7244



32.4748, 20.0788, -83.9352



32.4751, 5.5279, 22.7326

Square

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



32.4751, 20.0806, -83.9344



32.4751, 60.8883, 15.3557



32.4751, -18.9773, 22.7326



32.4751, -36.9425, -22.6942

Rectangle

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



32.4748, 20.0788, -83.9352



32.4751, 63.1574, -17.0018



32.4751, -18.9773, 22.7326



32.4751, -37.6236, 13.4397

Sweetspot

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



32.4751, 20.0806, -83.9344



79.1501, -4.3805, -22.1738



66.7222, -50.0844, 24.7232



35.3374, -1.7733, -12.2321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



32.4751, 20.0806, -83.9344



41.3080, 26.9764, -109.8658



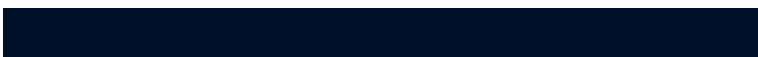
21.1664, 56.8328, -145.9829



34.0304, -2.0116, -0.9667



26.0919, 15.1708, -65.3620



7.0652, 1.0946, -11.1937

Inverse Universe

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



36.6918, 64.5312, 10.5155



47.1738, 82.8931, 14.1540



73.3153, -25.8312, 44.7233



33.5977, 1.7616, 1.2266



29.1380, 51.3077, 7.9144



6.7301, 12.0618, 0.1908

Previews

White Background



This preview shows how the HunterLab color 32.4748, 20.0788, -83.9352 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 × Fail

Black Background



This preview shows how the HunterLab color 32.4748, 20.0788, -83.9352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

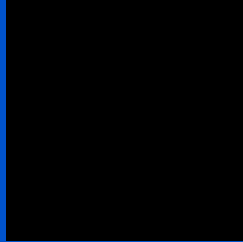
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 32.4748, 20.0788, -83.9352 Background



This preview shows how black text looks on a background with the HunterLab color 32.4748, 20.0788, -83.9352.



This preview shows how white text looks on a background with the HunterLab color 32.4748, 20.0788, -83.9352.

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

32.4748, 20.0788, -83.9352

Protanopia

32.4417, 11.1936, -64.7131

Deuteranopia

32.4707, 0.0612, -40.7176



Tritanopia

32.2008, -15.8432, -6.0472

Trichromacy



Original Color

32.4748, 20.0788, -83.9352

Protanomaly

32.4127, 14.6136, -72.0596

Deuteranomaly

32.3217, 6.9064, -55.3081

Tritanomaly

31.5569, -4.9661, -28.7231

Monochromacy



Original Color

32.4748, 20.0788, -83.9352

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.6567, 0.9030, -23.0811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.4748, 20.0788, -83.9352 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(0, 83, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 204)  
}
```

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(0, 83, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 32.4748, 20.0788, -83.9352 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(0, 83, 204) }
```


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

```
.border{ border-color:rgb(0, 83, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 204)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.4748, 20.0788, -83.9352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 204) }
```

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

```
.background{ background-color: rgb(0, 83,  
204) }
```

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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