

Converting Colors

HunterLab(20.3633, 50.8937,
-125.0885)

Have a look what the booklet for
HunterLab(20.3633, 50.8937,
-125.0885) contains.

HunterLab(20.3908, 50.8104, -124.8842)	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(20.3908, 50.8104,
-124.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	2407BC
RGB	36, 7, 188
RGB Percent	14%, 3%, 74%
CMY	0.8588, 0.9726, 0.2627
CMYK	0.81, 0.96, 0.00, 0.26
HSL	250°, 93%, 38%
HSV	250°, 96%, 74%
XYZ	9.8806, 4.1578, 47.8586
YIQ	36.3050, -40.8170, 62.4390

Conversions

Conversions Part 2

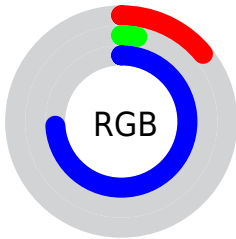
Format	Color
R_{YB}	36, 7, 188
Decimal	2361276
CIE Lab	24.19, 61.88, -82.78
CIE LCh	24, 103.353, 306.782
Yxy	4.1579, 0.1596, 0.0672
Android (android.graphics.Color)	4280551356 (0xFF2407BC)
YUV	36.3050, 74.7856, -0.2675
Hunter-Lab	20.3908, 50.8104, -124.8842

Details

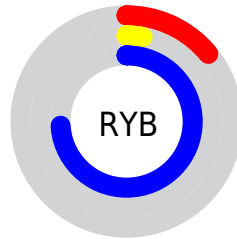
The HunterLab color **20.3908, 50.8104, -124.8842** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **65.8408, -27.6139, 39.9067**, and the grayscale version is **13.1572, -0.7020, 0.7149**.

A 20% lighter version of the original color is **37.4099, 55.0831, -114.1672**, and **13.0133, 35.2985, -92.4649** is the 20% darker color. If you saturate the color by 10%, you get **19.7714, 52.2227, -129.5759**, and if you desaturate by 10%, it is **22.5500, 46.4050, -110.3853**.

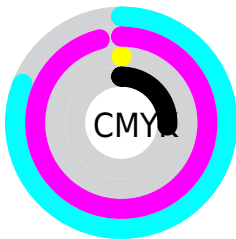
Distribution



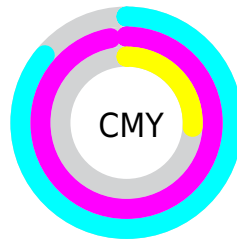
- Red (14%)
- Green (3%)
- Blue (74%)



- Red (14%)
- Yellow (3%)
- Blue (74%)



- Cyan (81%)
- Magenta (96%)
- Yellow (0%)
- Black (26%)



- Cyan (86%)
- Magenta (97%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3908, 50.8104, -124.8842 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 20.3908, 50.8104, -124.8842 by changing the saturation by 10% instead.

■ 20.3908, 50.8104,
-124.8842

■ 20.3908, 50.8104,
-124.8842

■ 118.8947, 68.0167,
-113.6137

■ 13.2750, 49.1341,
-139.6847

■ 37.3734, 55.0653,
-114.0109

■ 6.8079, 53.8969,
-187.9275

■ 47.0646, 57.1946,
-112.1668

0.0000, INF, -NF

■ 57.4732, 59.2437,
-111.3848

0.0000, NaN, -NF

■ 68.5529, 61.1962,
-111.2509

0.0000, NaN, -NF

■ 80.2652, 63.0478,
-111.5274

0.0000, NaN, -NF

■ 92.5776, 64.7995,

0.0000, NaN, NaN

-112.0697

0.0000, NaN, NaN

105.4622, 66.4543,
-112.7855

20.3908, 50.8104,
-124.8842

20.3908, 50.8104,
-124.8842

19.7714, 52.2227,
-129.5759

22.5500, 46.4050,
-110.3853

25.8658, 39.9959,
-92.4184

30.1411, 32.9831,
-74.4377

35.1500, 26.1945,
-58.1337

40.7145, 19.9059,
-43.8469

■ 46.7079, 14.1295,
-31.3646

■ 53.0424, 8.7902,
-20.3425

■ 59.6564, 3.7985,
-10.4584

■ 66.5057, -0.9245,
-1.4508

Harmonies

Analogous

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



20.3908, 6.7506, -186.8104



20.3908, 50.8104, -124.8842



20.3908, 92.7299, -38.4477

Triad

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



20.3908, 50.8137, -124.8845



20.3908, 29.5169, 14.2736



20.3908, -35.3373, -7.1433

Complementary

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



20.3908, 50.8104, -124.8842



65.8408, -27.6139, 39.9067

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.



20.3908, -33.7030, 14.0794



20.3908, 50.8104, -124.8842



20.3908, -7.8983, 14.2736

Square

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



20.3908, 50.8137, -124.8845



20.3908, 75.9851, 14.2736



20.3908, -26.4983, 14.2736



20.3908, -31.0949, -75.0442

Rectangle

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



20.3908, 50.8104, -124.8842



20.3908, 104.8839, -2.4820



20.3908, -26.4983, 14.2736



20.3908, -35.4570, 4.1479

Sweetspot

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



20.3908, 50.8137, -124.8845



68.6414, 14.0715, -31.9362



53.9562, -22.0292, -19.4184



30.1447, 7.9512, -17.7561



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



20.3908, 50.8137, -124.8845



26.4890, 70.2043, -175.4476



28.4884, 60.1634, -80.4094



30.4908, 0.2378, -1.9599



16.3806, 43.1432, -106.3981



3.5846, 8.8400, -18.6233

Inverse Universe

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



36.5314, 68.3434, -29.5099



48.7962, 92.6519, -38.9092



61.0710, -46.7456, 36.6185



31.0955, 2.1972, -0.4743



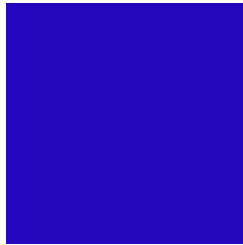
29.9429, 56.9104, -24.3120



5.9862, 11.4747, -5.6127

Previews

White Background



This preview shows how the HunterLab color 20.3908, 50.8104, -124.8842 looks on a white background.

Color Contrast Check

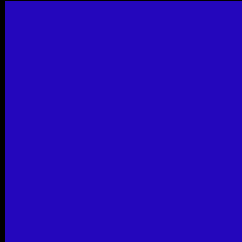
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3908, 50.8104, -124.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

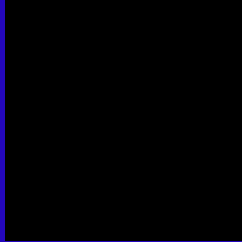
Any Text WCAG AA × Fail

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 20.3908, 50.8104, -124.8842 Background



This preview shows how black text looks on a background with the HunterLab color 20.3908, 50.8104, -124.8842.



This preview shows how white text looks on a background with the HunterLab color 20.3908, 50.8104, -124.8842.

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

20.3908, 50.8104, -124.8842

Protanopia

20.6938, 5.6494, -38.0608

Deuteranopia

20.6811, -1.5148, -22.5796



Tritanopia

20.7993, -10.4605, -3.4161

Trichromacy



Original Color

20.3908, 50.8104, -124.8842

Protanomaly

18.9234, 23.5028, -71.8594

Deuteranomaly

18.3437, 18.4268, -60.0972

Tritanomaly

17.6980, 9.6645, -40.2798

Monochromacy



Original Color

20.3908, 50.8104, -124.8842

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.5117, 15.5048, -34.8336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3908, 50.8104, -124.8842 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(36, 7, 188)` looks like.

```
.text, #text, p{  
    color:rgb(36, 7, 188)  
}
```

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(36, 7, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 7, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3908, 50.8104, -124.8842 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(36, 7, 188) }
```


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

```
.border{ border-color:rgb(36, 7, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 7, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 7, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 7, 188);  
box-shadow:4px 4px 4px 4px rgb(36, 7, 188)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3908, 50.8104, -124.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 7, 188) }
```

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

```
.background{ background-color: rgb(36, 7,  
188) }
```

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