

Converting Colors

HunterLab(20.3744, 54.5310,
-139.0736)

Have a look what the booklet for
HunterLab(20.3744, 54.5310,
-139.0736) contains.

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Color

**HunterLab(20.3328, 54.4214,
-138.8036)**

Conversions

Conversions Part 1

Format	Color
Hex	1400C4
RGB	20, 0, 196
RGB Percent	8%, 0%, 77%
CMY	0.9215, 1.0000, 0.2314
CMYK	0.90, 1.00, 0.00, 0.23
HSL	246°, 100%, 38%
HSV	246°, 100%, 77%
XYZ	10.2523, 4.1342, 52.4821
YIQ	28.3240, -50.9960, 65.1960

Conversions

Conversions Part 2

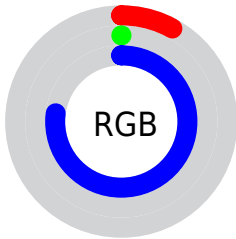
Format	Color
R_{YB}	20, 0, 196
Decimal	1310916
CIE _{Lab}	24.11, 65.12, -87.66
CIE _{LCh}	24, 109.199, 306.610
Yxy	4.1345, 0.1533, 0.0618
Android (android.graphics.Color)	4279500996 (0xFF1400C4)
YUV	28.3240, 82.6643, -7.3001
Hunter-Lab	20.3328, 54.4214, -138.8036

Details

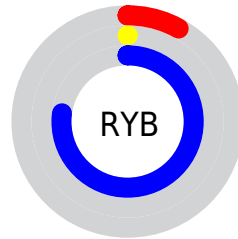
The HunterLab color **20.3328, 54.4214, -138.8036** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **69.7904, -25.8663, 42.5517**, and the grayscale version is **10.6431, -0.5679, 0.5783**.

A 20% lighter version of the original color is **37.2812, 58.5317, -125.1228**, and **13.7603, 37.3247, -97.7725** is the 20% darker color. If you saturate the color by 10%, you get **20.3335, 54.4219, -138.7984**, and if you desaturate by 10%, it is **22.0834, 50.2060, -125.7270**.

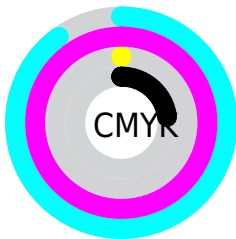
Distribution



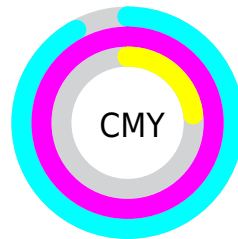
- Red (8%)
- Green (0%)
- Blue (77%)



- Red (8%)
- Yellow (0%)
- Blue (77%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (92%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3328, 54.4214, -138.8036 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 20.3328, 54.4214, -138.8036 by changing the saturation by 10% instead.

■ 20.3328, 54.4214,
-138.8036

■ 20.3328, 54.4214,
-138.8036

■ 118.7915, 72.3308,
-123.1308

■ 13.2253, 52.8491,
-156.6370

■ 37.3033, 58.7270,
-125.3198

■ 6.7464, 58.5791,
-214.2428

■ 46.9888, 60.9310,
-122.8494

0.0000, INF, -NF

■ 57.3923, 63.0674,
-121.6497

0.0000, NaN, -NF

■ 68.4670, 65.1141,
-121.2313

0.0000, NaN, -NF

■ 80.1747, 67.0634,
-121.3133


0.0000, NaN, -NF


■ 92.4827, 68.9143,


0.0000, NaN, NaN


-121.7241


0.0000, NaN, NaN


 105.3631, 70.6690,
-122.3542


 20.3328, 54.4214,
-138.8036


 20.3328, 54.4214,
-138.8036

 20.3335, 54.4219,
-138.7984

 22.0834, 50.2060,
-125.7270

 25.0364, 43.7636,
-107.4825

 29.1587, 36.2146,
-87.5897

 34.1846, 28.8075,
-69.0100

 39.8872, 22.0154,
-52.6653

■ 46.1025, 15.8914,
-38.4769

■ 52.7181, 10.3427,
-26.0693

■ 59.6563, 5.2506,
-15.0521

■ 66.8626, 0.5097,
-5.1006

Harmonies

Analogous

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



20.3335, 6.9984, -208.1940



20.3328, 54.4214, -138.8036



20.3335, 100.4063, -42.2848

Triad

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



20.3335, 54.4219, -138.7984



20.3335, 31.9136, 14.2335



20.3335, -35.5836, -7.4305

Complementary

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



20.3328, 54.4214, -138.8036



69.7904, -25.8663, 42.5517

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.



20.3335, -34.7901, 14.2335



20.3328, 54.4214, -138.8036



20.3335, -8.0764, 14.2335

Square

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



20.3335, 54.4219, -138.7984



20.3335, 82.4811, 14.2335



20.3335, -27.2283, 14.2335



20.3335, -32.0964, -81.8542

Rectangle

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



20.3328, 54.4214, -138.8036



20.3335, 113.9515, -2.9241



20.3335, -27.2283, 14.2335



20.3335, -35.5836, 4.4511

Sweetspot

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



20.3335, 54.4219, -138.7984



70.5258, 14.2572, -35.8281



59.3240, -26.8862, -16.1103



30.8416, 8.0427, -19.7834

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



20.3335, 54.4219, -138.7984



27.2769, 73.1810, -187.5532



27.9448, 62.1181, -92.4970



31.2988, 0.1006, -2.0892



16.3546, 43.6657, -110.8104



3.6401, 9.2734, -21.2103

Inverse Universe

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



38.5608, 74.1627, -38.0751



51.8789, 99.7426, -50.9600



64.1222, -48.4251, 38.6640



31.9831, 2.3601, -0.7252



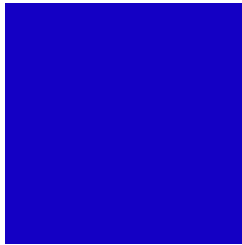
30.9218, 59.4898, -30.6785



6.4680, 12.5071, -6.9101

Previews

White Background



This preview shows how the HunterLab color 20.3328, 54.4214, -138.8036 looks on a white background.

Color Contrast Check

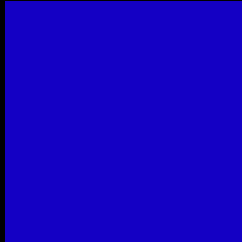
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3328, 54.4214, -138.8036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

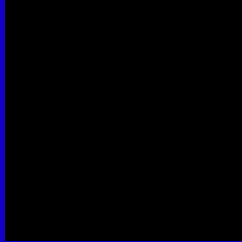
Any Text WCAG AA × Fail

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 20.3328, 54.4214, -138.8036 Background



This preview shows how black text looks on a background with the HunterLab color 20.3328, 54.4214, -138.8036.



This preview shows how white text looks on a background with the HunterLab color 20.3328, 54.4214, -138.8036.

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

20.3328, 54.4214, -138.8036

Protanopia

20.9919, 5.4766, -38.0605

Deuteranopia

21.0345, -1.4168, -23.2328



Tritanopia

20.7993, -10.4605, -3.4161

Trichromacy



Original Color

20.3328, 54.4214, -138.8036

Protanomaly

18.7255, 25.3260, -76.7276

Deuteranomaly

18.1724, 20.5381, -65.6594

Tritanomaly

17.1432, 11.7536, -45.3265

Monochromacy



Original Color

20.3328, 54.4214, -138.8036

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.6643, 16.6269, -40.5622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3328, 54.4214, -138.8036 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(20, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(20, 0, 196)  
}
```

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(20, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3328, 54.4214, -138.8036 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(20, 0, 196) }
```


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

```
.border{ border-color:rgb(20, 0, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 0, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(20, 0, 196)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3328, 54.4214, -138.8036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 0, 196) }
```

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

```
.background{ background-color: rgb(20, 0,  
196) }
```

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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